

# FIG. 1

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

08/813714

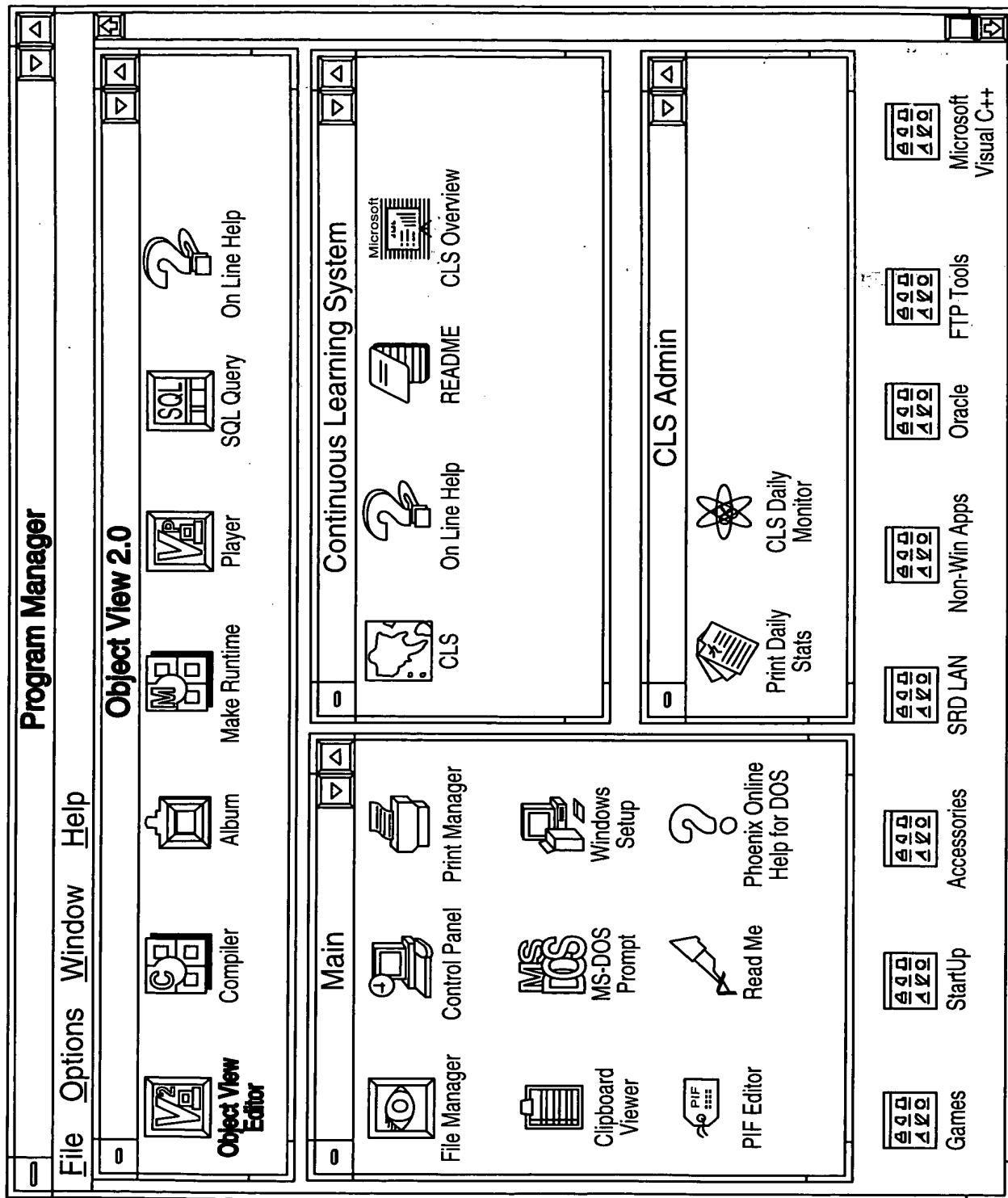
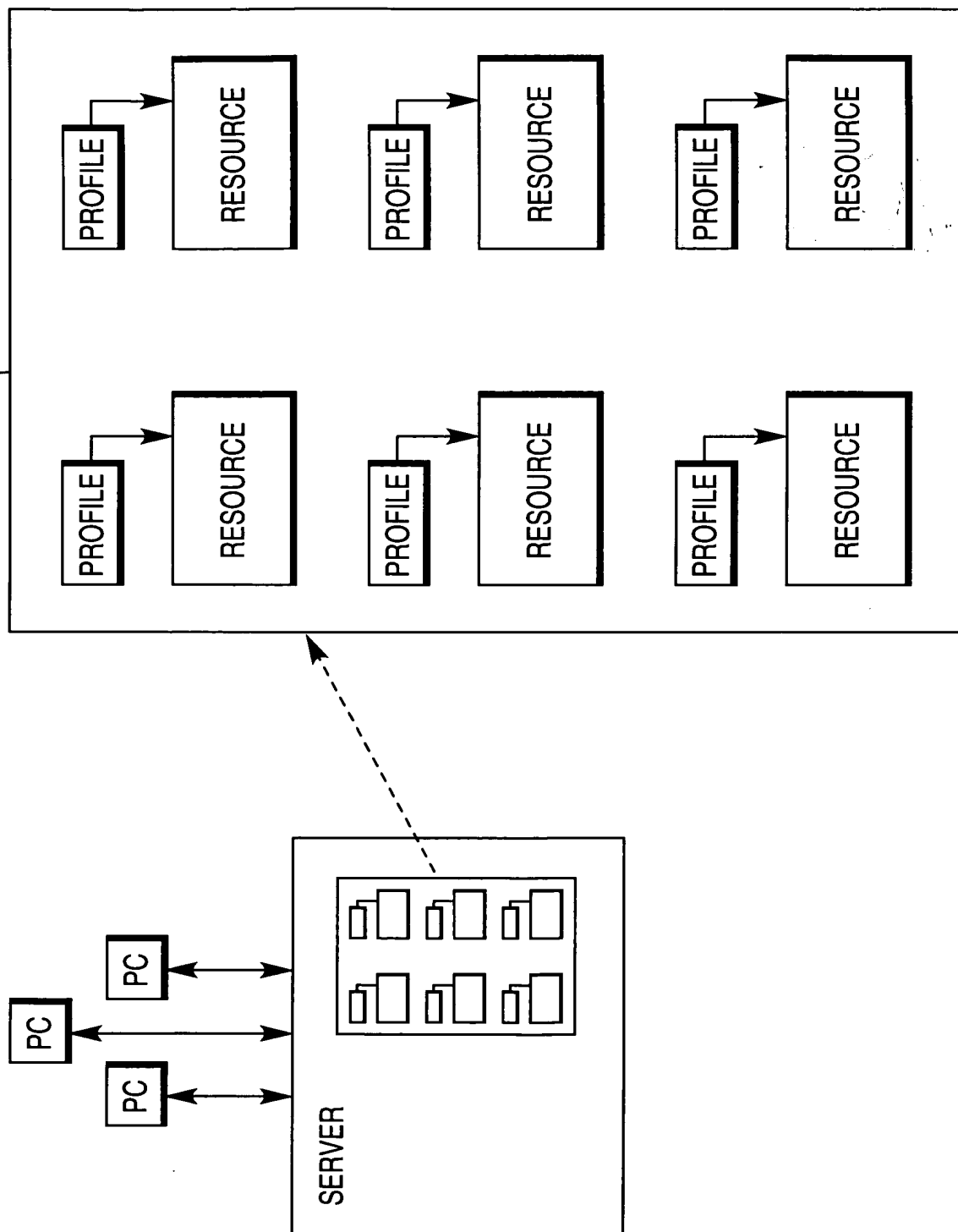


FIG. 1A



08/813 714

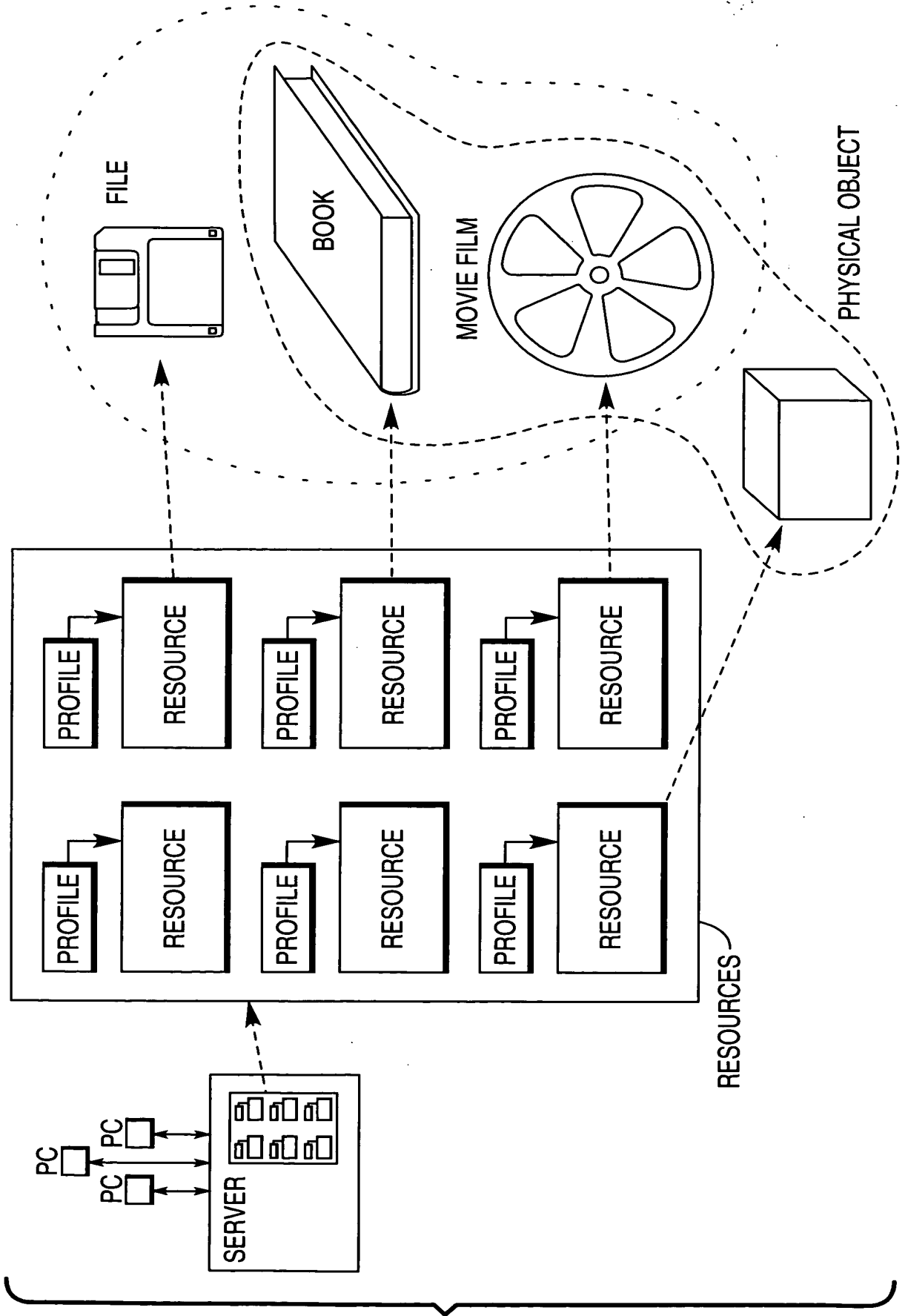


AFFIXED	O.G. FIG.		
BY	CLASS	SUBCLASS	
DRAFTSMAN			

08/813714

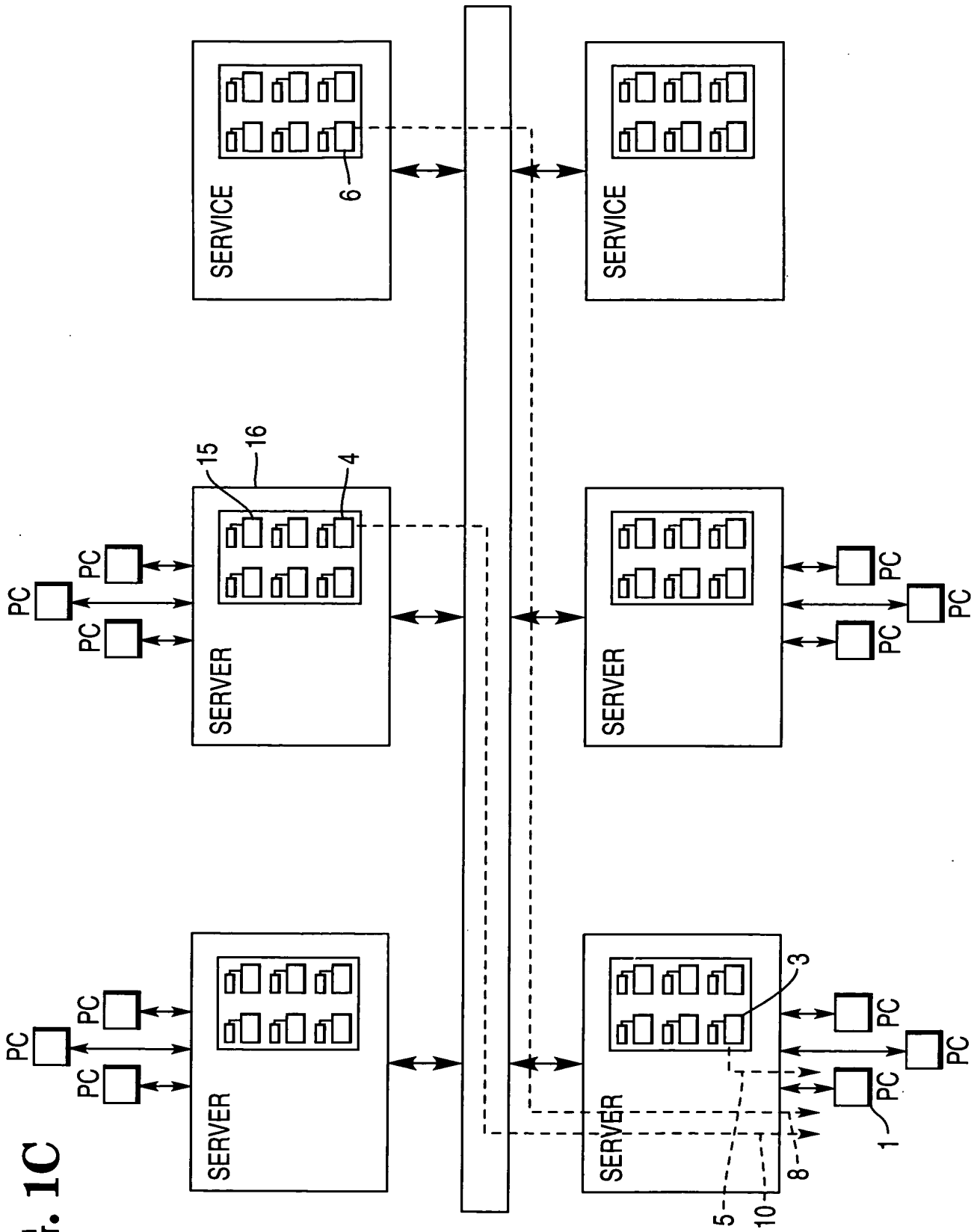
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 1B



08/813714

FIG. 1C

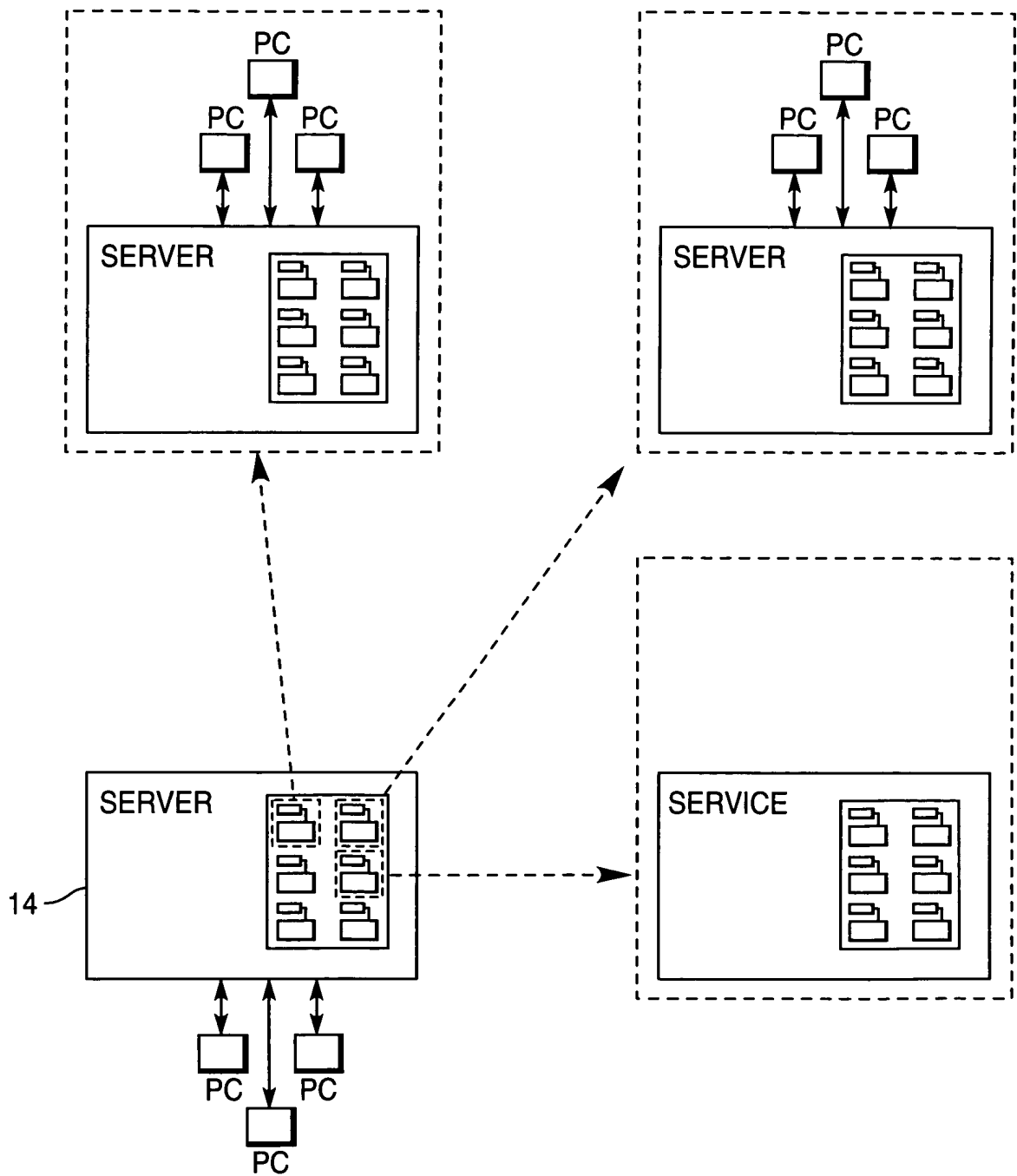


APPROVED	0.6. FIG.
BY	CLASS
CRAFTSMAN	SUCCESS

08/813714

**FIG. 1D**

0.G. FIG.	CLASS	SUBCLASS
APPROVED	BY	DRAFTSMAN



08/813724

APPROVED	D.G. FIG.	
BY	CLASS	SUSCLASS
DRAFTSMAN		

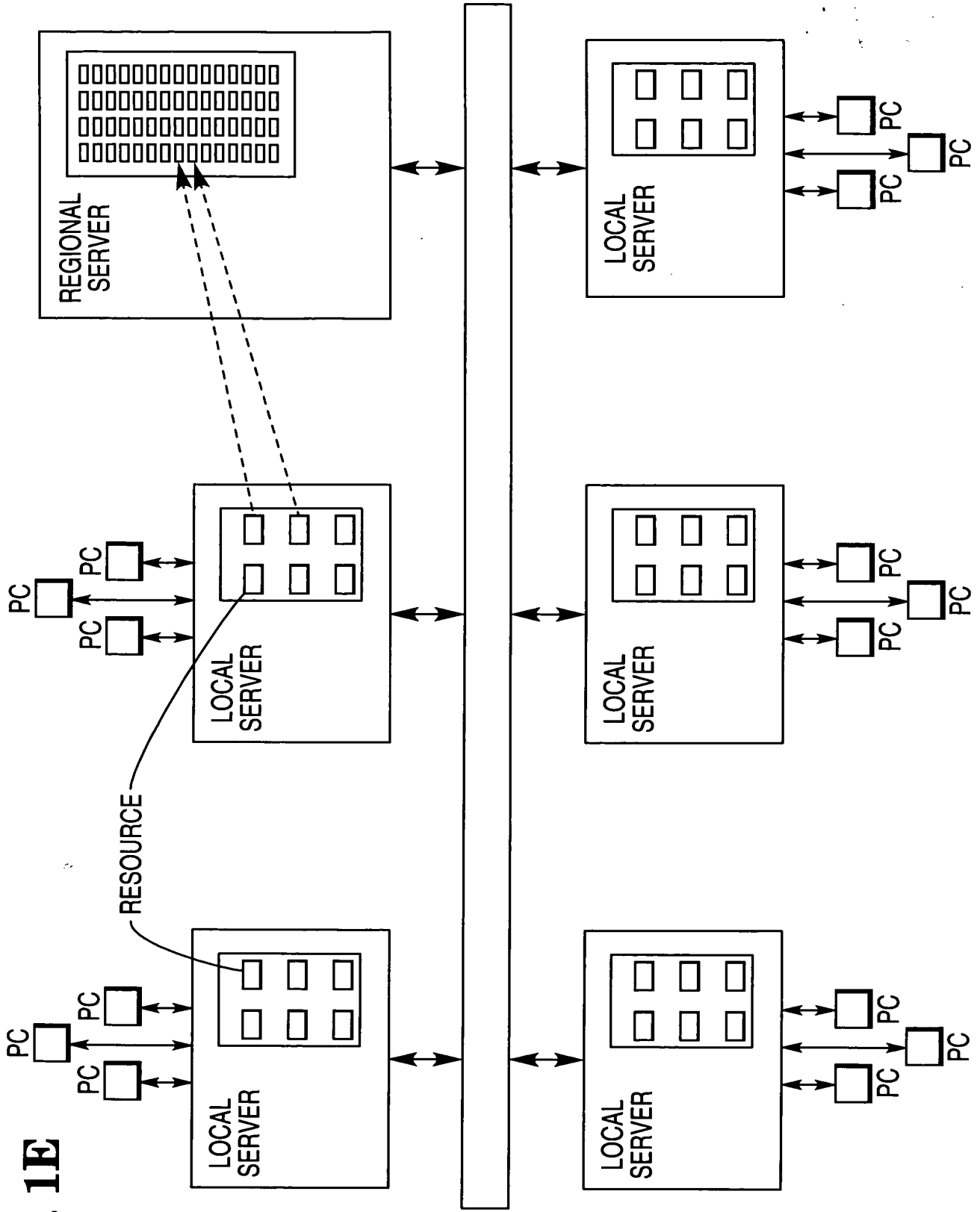


FIG. 1E

FIG. 2

APPROVED	U.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

08/813714

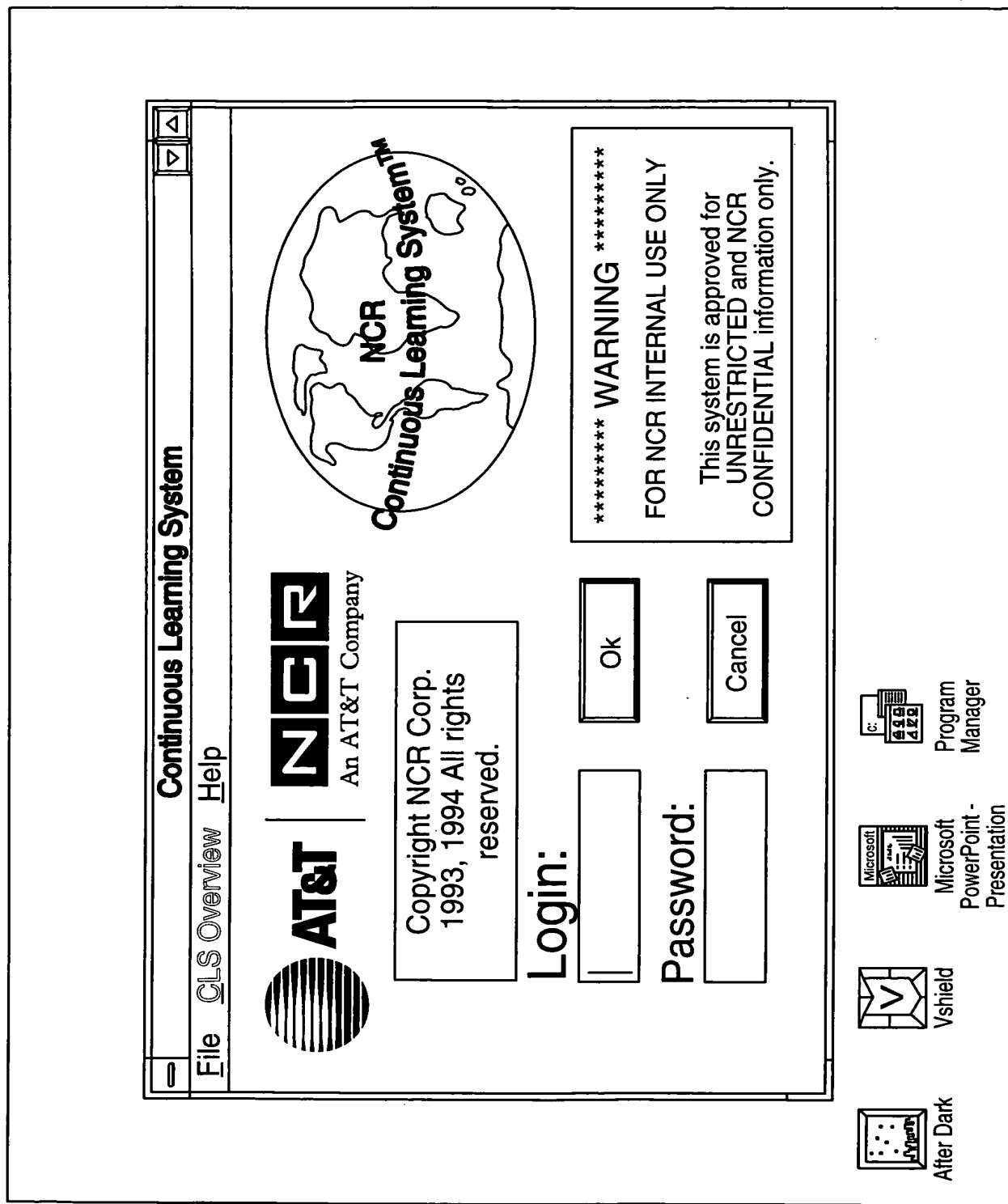
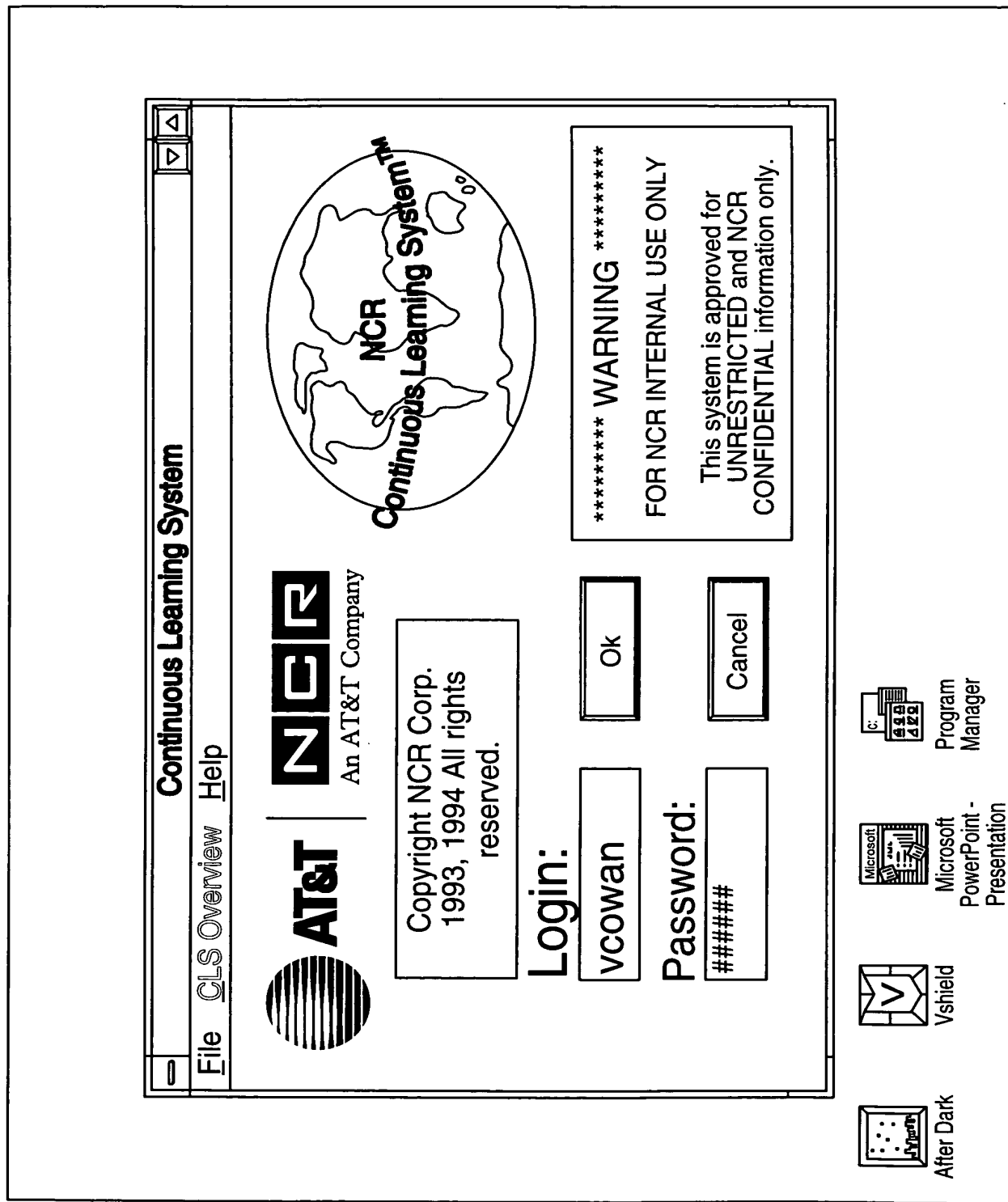


FIG. 3

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

08/813714





APPROVED	O.G. FIG.
BY	CLASS / SUBCLASS
DRAFTSMAN	

**FIG. 5**

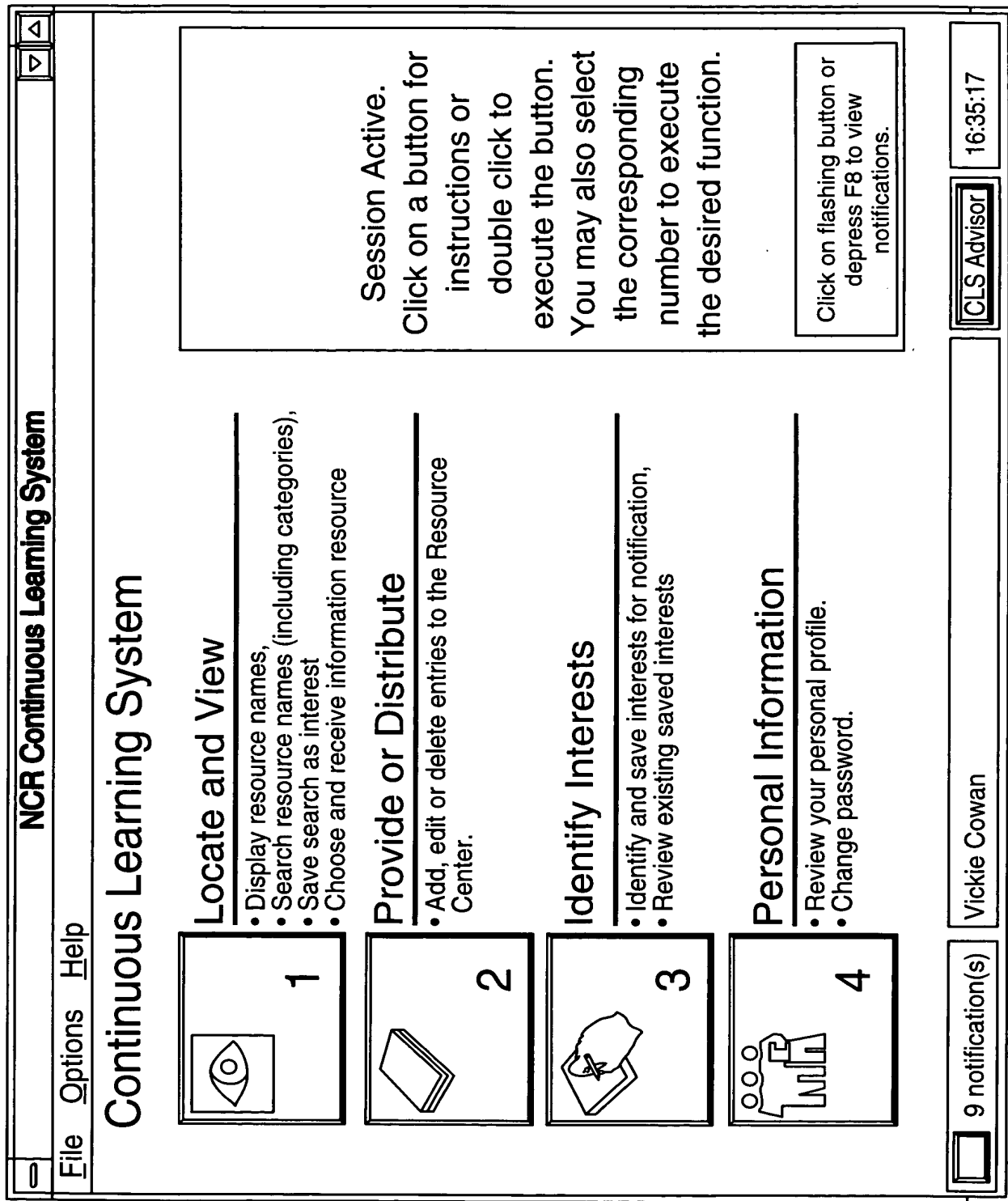
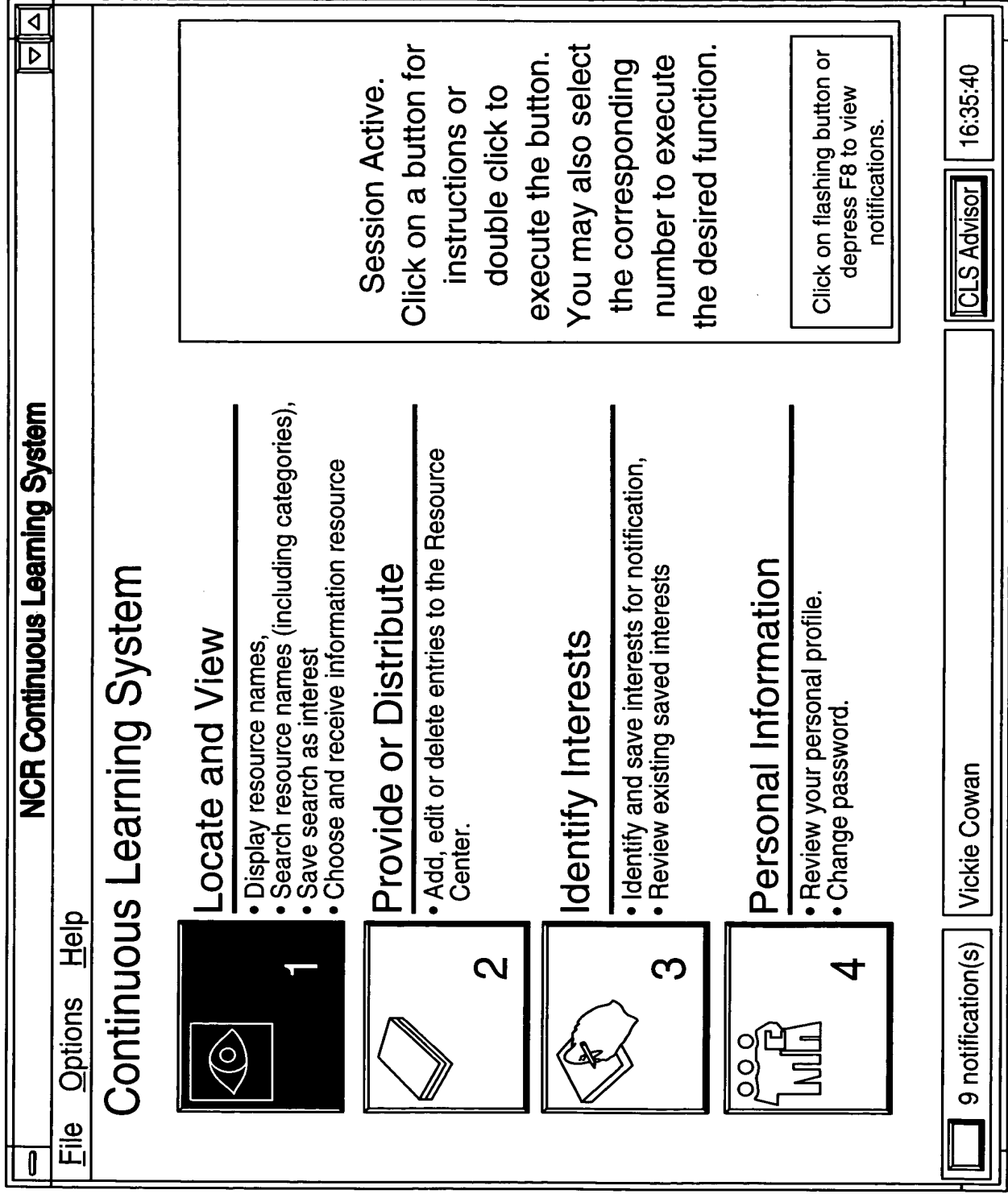
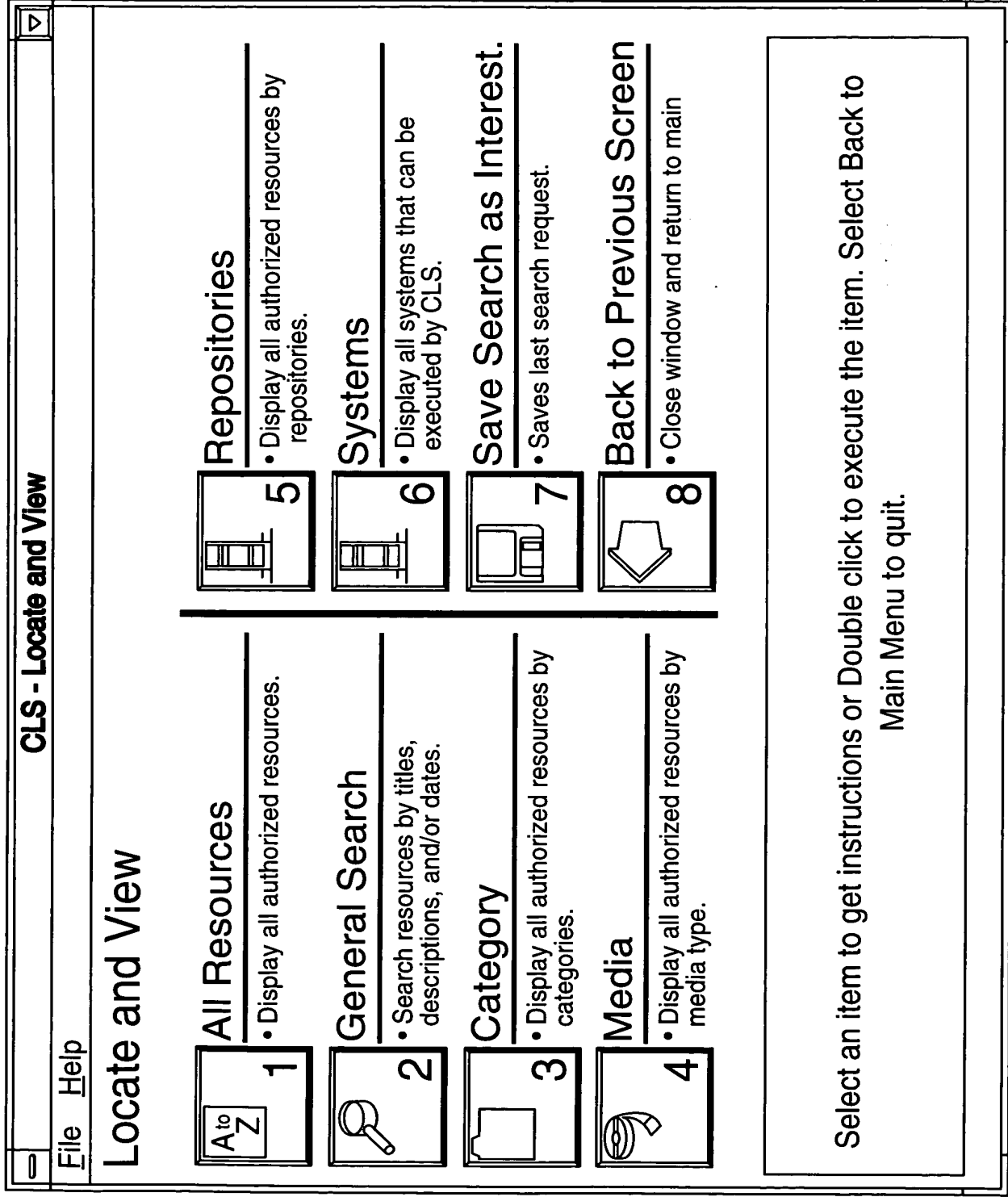


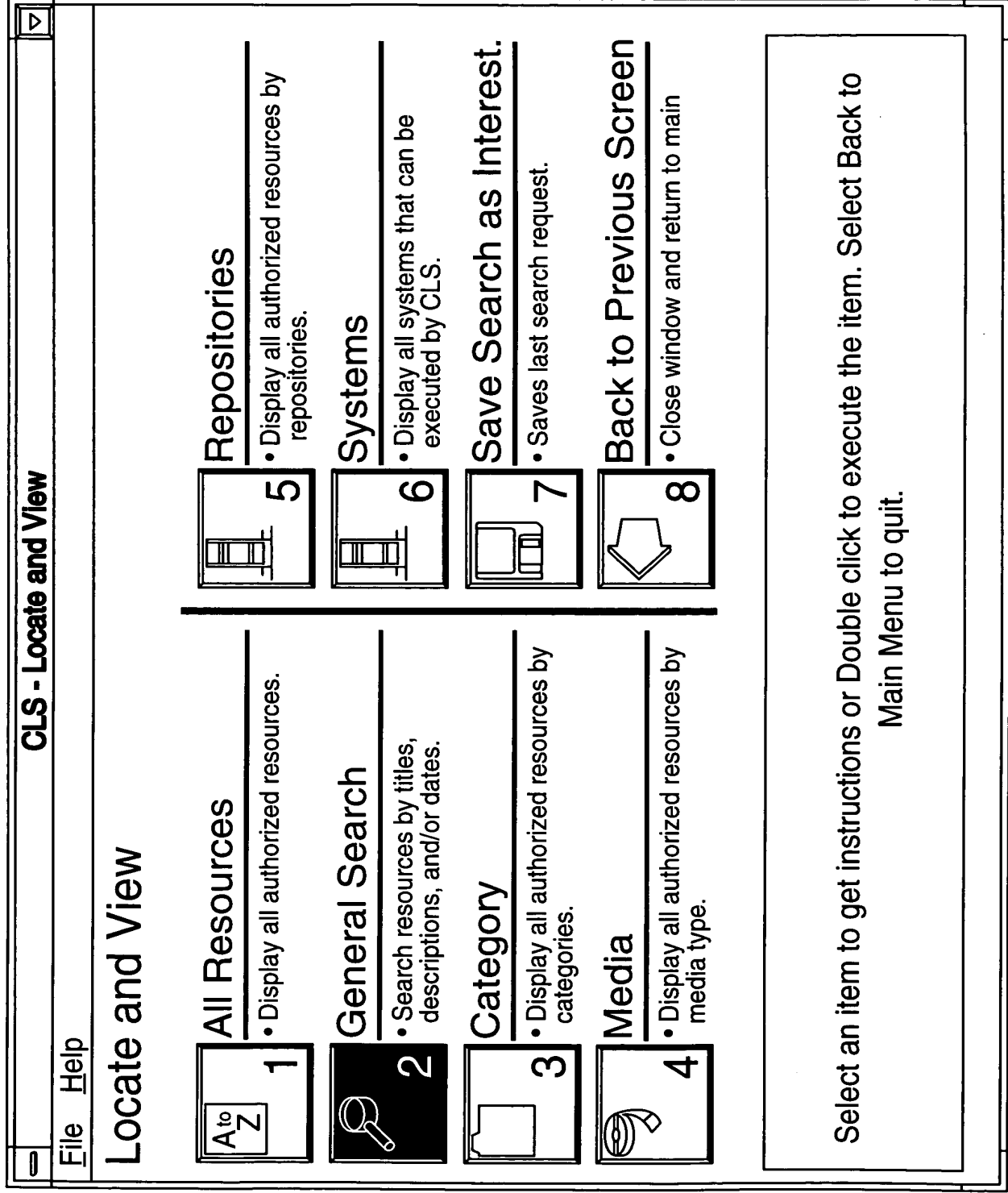
FIG. 6



# FIG. 7



**FIG. 8**



# FIG. 9

APPROVED BY DRAFTSMAN

O.C. FIG. CLASS SUBCLASS

CLS - Locate and View

File Help

4

media

- Display all authorized resources by media type.

8

BACK TO PREVIOUS SCREEN

- Close window and return to main

AND-@

OR-/

NOT-!

File Help

Search

Title:

Description:

Date:

AND

ON

/ /

dd/mm/yy

Ok

Cancel

Clear

Help

Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.



FIG. 11

APPROVED	O.G.FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

File

Help

Catalog Search Results

7 entries returned.

Resource Profile...

	Media	Date/Time	Title
1	On Line	12/08/93 16:25	WWSM - NCR UNIX "Ready for Prime Time"
2	On Line	12/16/93 13:53	UNIX Reference Pak: Part 1 of 4 - Table of contents
3	On Line	12/16/93 14:02	UNIX Reference Pak: Part 2 of 4 - AT&T/NCRs Position on
4	On Line	12/16/93 14:05	UNIX Reference Pak: Part 3 of 4 - System Overview
5	On Line	12/16/93 14:09	UNIX Reference Pak: Part 4 of 4 - HP-UX vs. NCR SVR4 M
6	On Line	01/03/94 15:52	NCR UNIX SVR4 MP-RAS Rel 2.02 Release Letter
7	On Line	01/19/94 09:57	NCR UNIX Online Library

Retrieve

Close



FIG. 12

APPROVED	D.G.FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Catalog Search Results

File Help

7 entries returned.

Resource Profile...

	Media	Date/Time	Title
1	On Line	12/08/93 16:25	WWSM - NCR UNIX "Ready for Prime Time"
2	On Line	12/16/93 13:53	UNIX Reference Pak: Part 1 of 4 - Table of contents
3	On Line	12/16/93 14:02	UNIX Reference Pak: Part 2 of 4 - AT&T/NCRs Position on
4	On Line	12/16/93 14:05	UNIX Reference Pak: Part 3 of 4 - System Overview
5	On Line	12/16/93 14:09	UNIX Reference Pak: Part 4 of 4 - HP-UX vs. NCR SVR4 M
6	On Line	01/03/94 15:52	NCR UNIX SVR4 MP-RAS Rel 2.02 Release Letter
7	On Line	01/19/94 09:57	<b>NCR UNIX Online Library</b>

RetrieveClose

FIG. 13

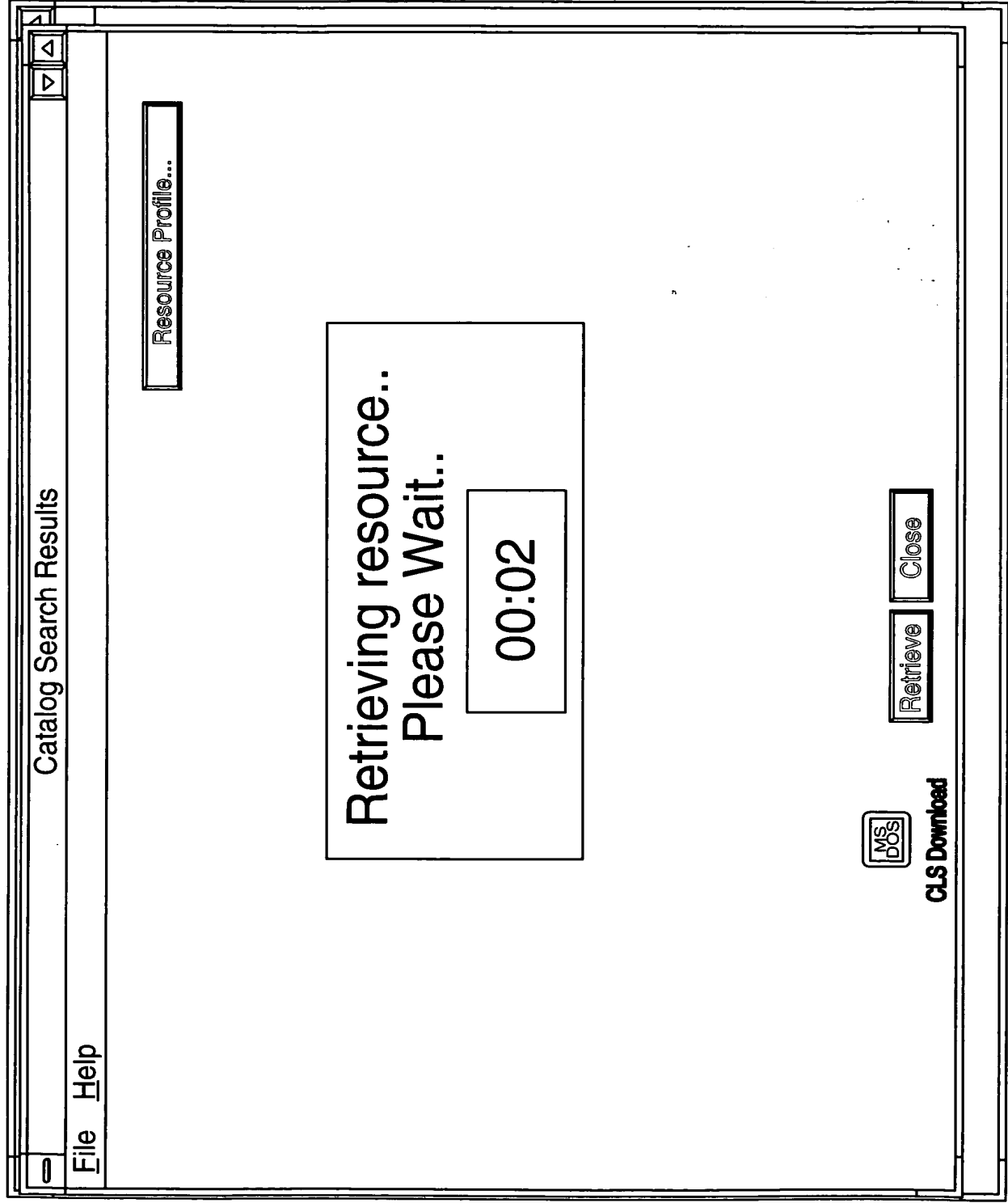


FIG. 14

APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

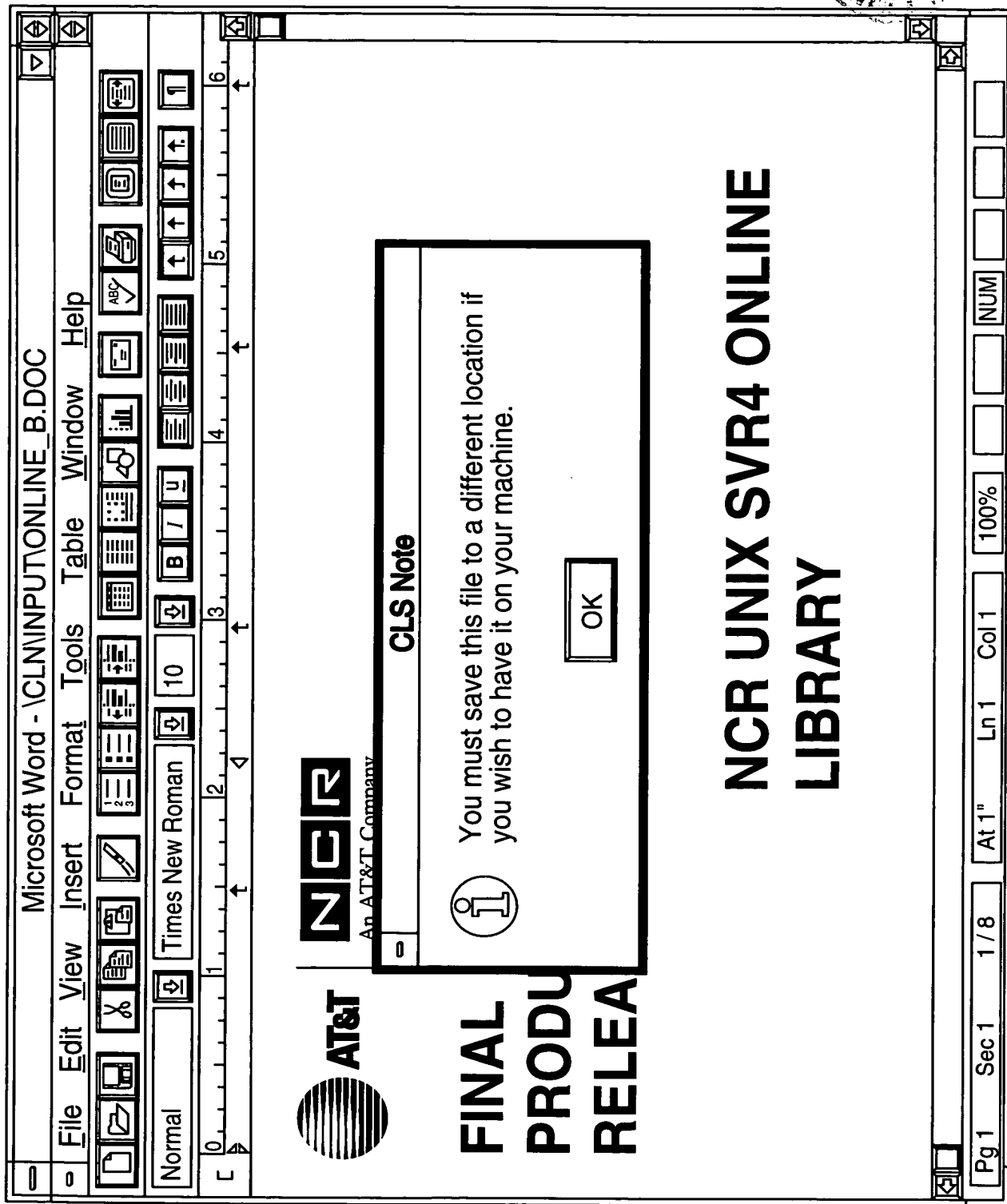


FIG. 15

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

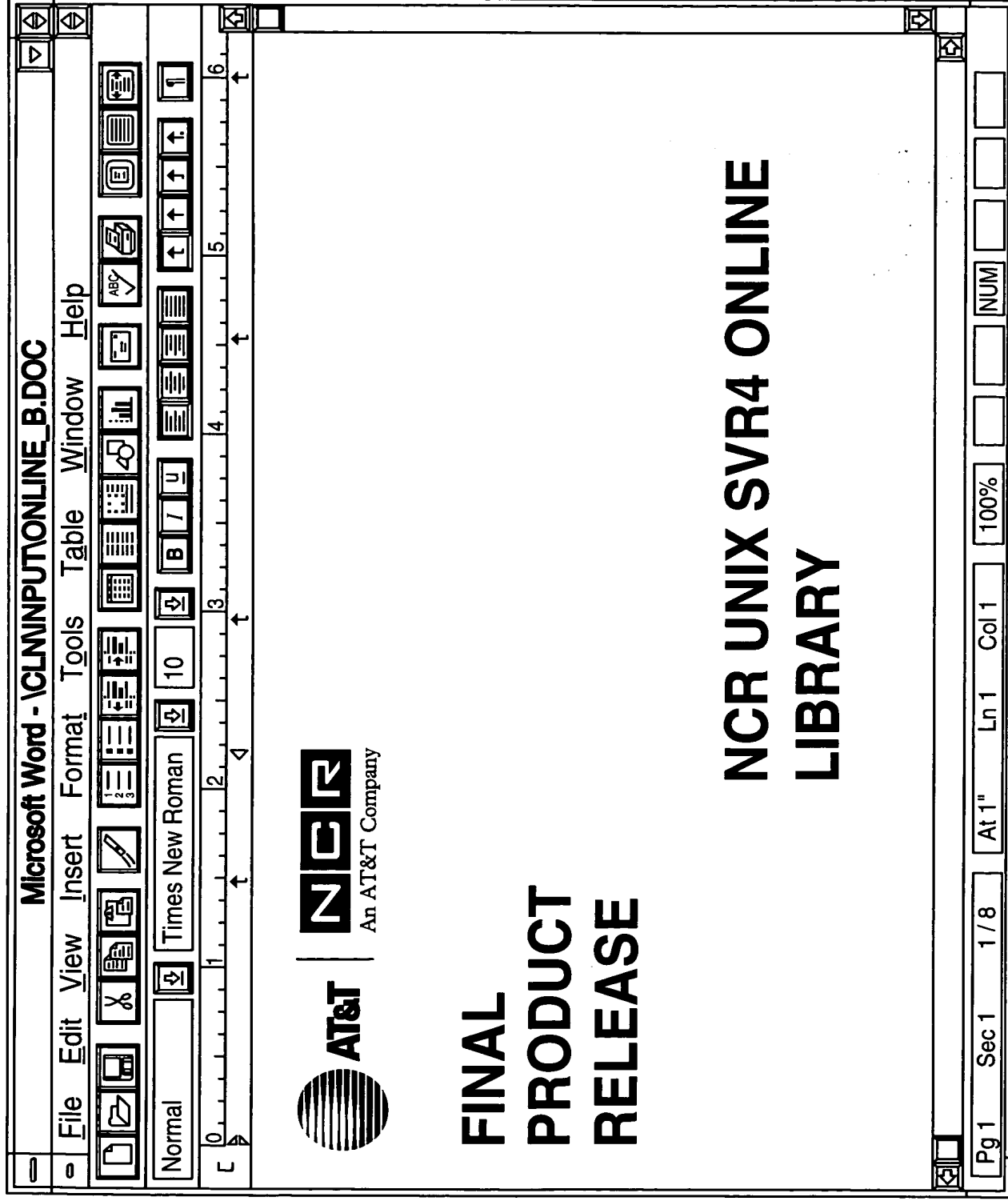


FIG. 16

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

CLS - Locate and View

File Help

LC

File Help

Search

AND-@ OR-/ NOT-!

Title: unix@library

AND

Description:

ON

Date: / / dd/mm/yy

Ok

Cancel

Clear

Help

media

4

BACK TO PREVIOUS SCREEN

8

• Display all authorized resources by media type.

• Close window and return to main

Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.

FIG. 17

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

File Help

Catalog Search Results

1 entries returned.

Resource Profile...

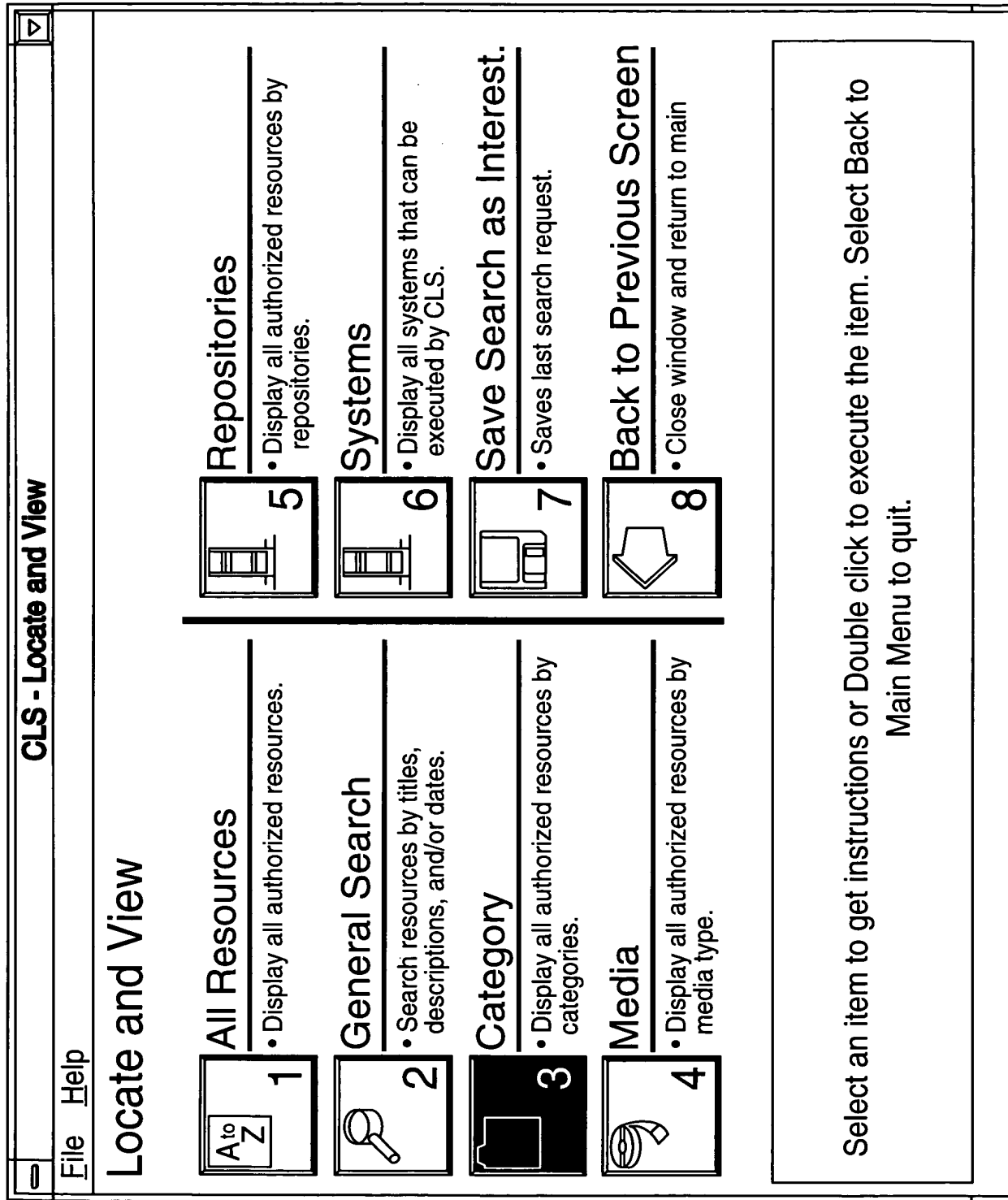
	Media	Date/Time	Title
1	On Line	01/19/94 09:57	NCR UNIX Online Library

Retrieve

Close

**FIG. 18**

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS



APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

FIG. 19

CLS - Locate and View

File Help

Categories

Resource Profile...

14 received.

Category

CLS-TEAM NOTES

Competitor

CORE IP

Customer

General

Marketing

Organization

Other

Part

Partnership

Product

SALES PROMOTION

Supplier

Ok

Cancel

Help

This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.



FIG. 20

APPROVED BY DRAFTSMAN		O.G. FIG. CLASS SUE CLASS	
CLS - Locate and View			
File Help			
Categories - CLS-TEAM NOTES			
Media		Title	
		12 received.	
Resource Profile...			
CLS - Overview Powerpoint Presentation			
CLS - Overview Powerpoint Presentation			
CLS - Add New User Template			
CLS - Developer notes and new release 1.01 procedures			
CLS - Distinct offers 3-in-1 TCP/IP SDK.			
CLS - Latest version of the CLS application (pkzip)			
CLS - Parameter file for LINUS interface. (Please read description first.)			
CLS - Roles and Responsibilities as determined on 12 Aug 93			
CLS - Sample windows source code for windows Socket API			
CLS - SQL NET for Windows Procedures			
CLS - Untangling the Windows Sockets API - a standardized interface			
CLS - User Guide			
CLS - PKUNZIP for CLS application			
Ok			
Cancel			
Help			

This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.

FIG. 21

CLS - Locate and View

File Help

Categories - CLS-TEAM NOTES

Resource Profile...

Media Title12 received.

CLS - Latest version of the CLS application (pkzip)

CLS - Overview Powerpoint Presentation

CLS - Add New User Template

CLS - Developer notes and new release 1.01 procedures

CLS - Distinct offers 3-in-1 TCP/IP SDK.

CLS - Latest version of the CLS application (pkzip)

CLS - Parameter file for LINUS interface. (Please read description first.)

CLS - Roles and Responsibilities as determined on 12 Aug 93

CLS - Sample windows source code for windows Socket API

CLS - SQL NET for Windows Procedures

CLS - Untangling the Windows Sockets API - a standardized interface

CLS - User Guide

CLS - PKUNZIP for CLS application

Ok

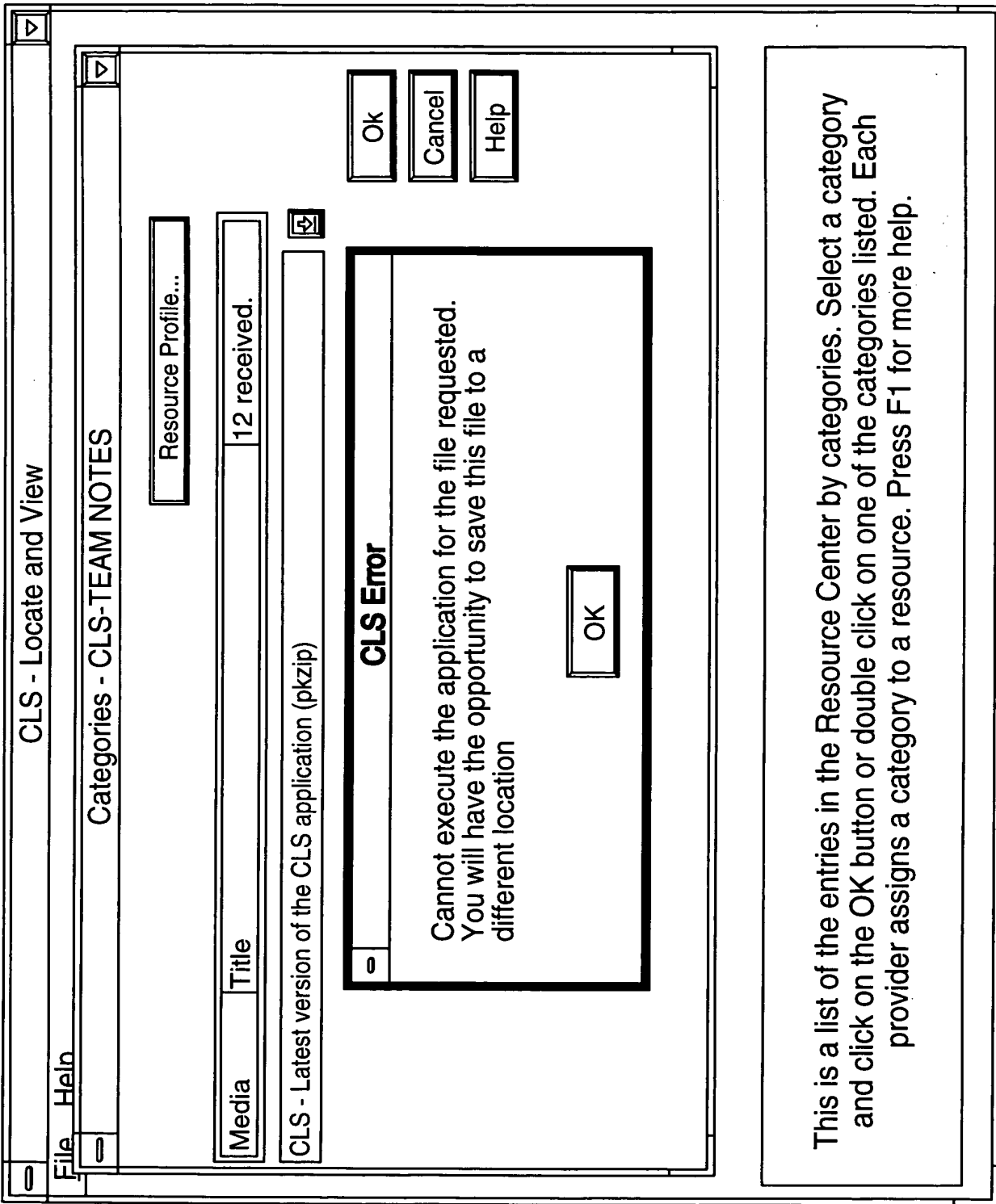
Cancel

Help

This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.

FIG. 22

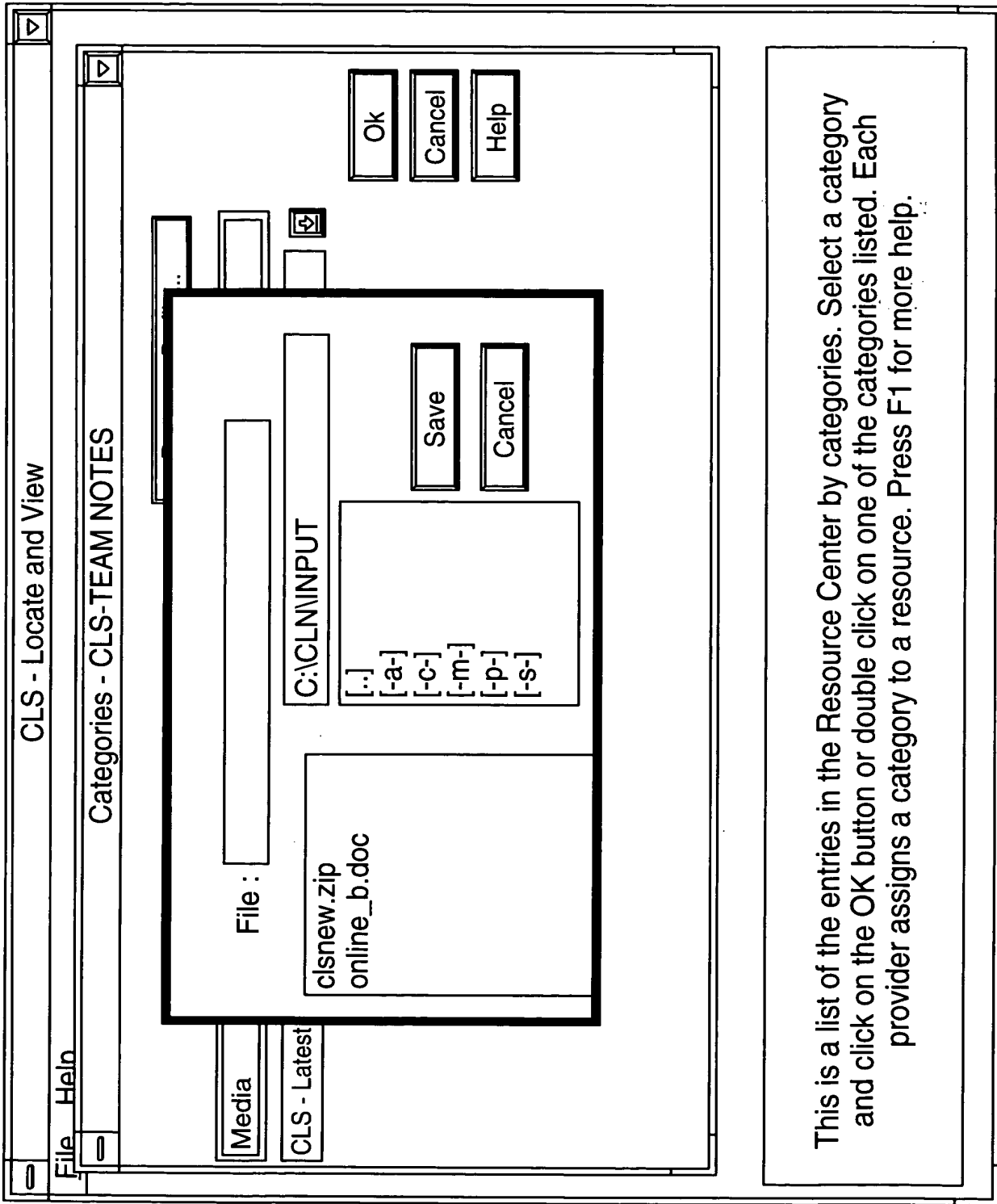
APPROVED	O.G. FIG.
BY	CLASS
CRAFTSMAN	SUBCLASS



This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.

FIG. 23

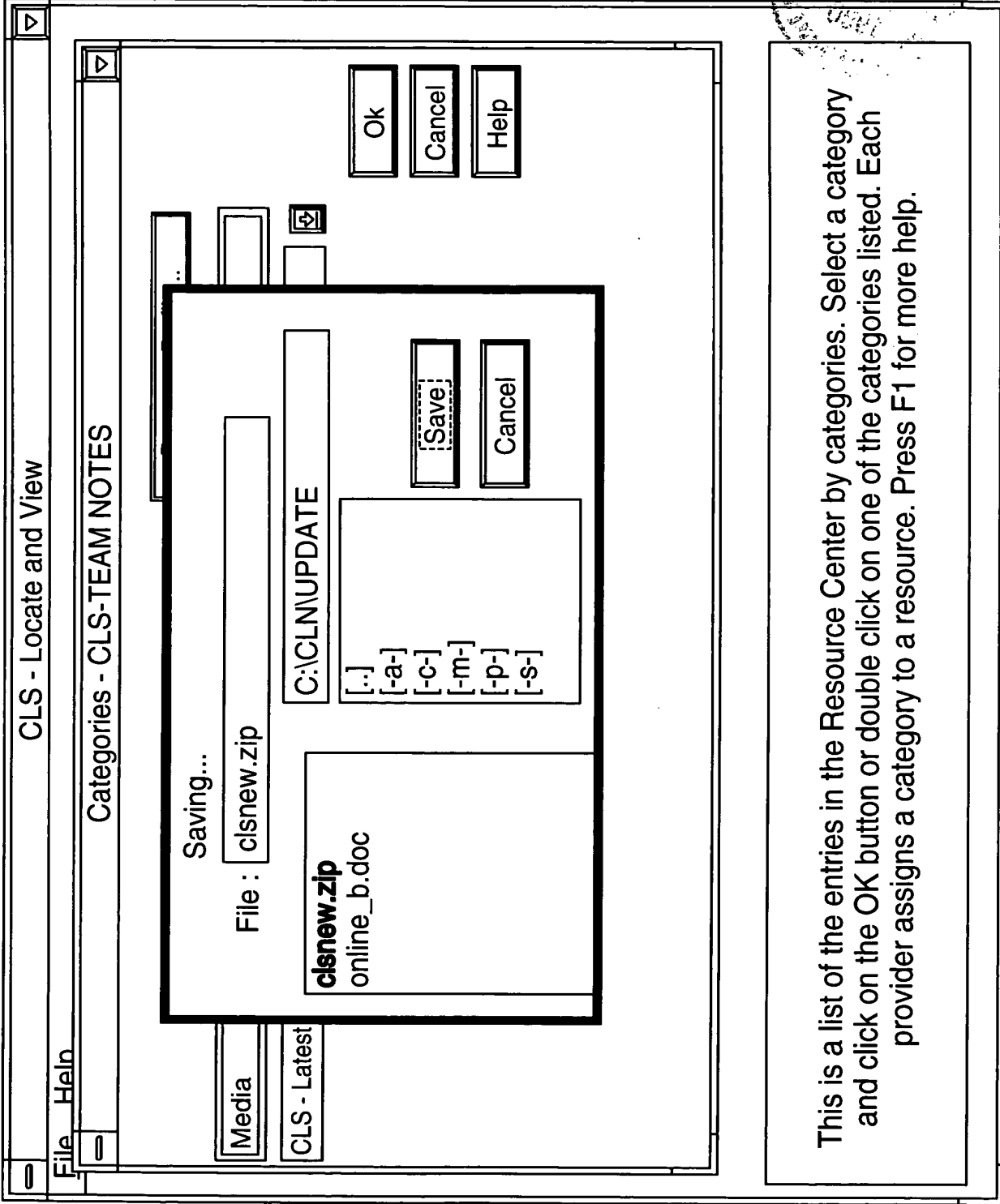
APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.

FIG. 24

APPROVED	O.G.FIG.
BY	CLASS
DRAFTSMAN	SUCCCLASS



This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.

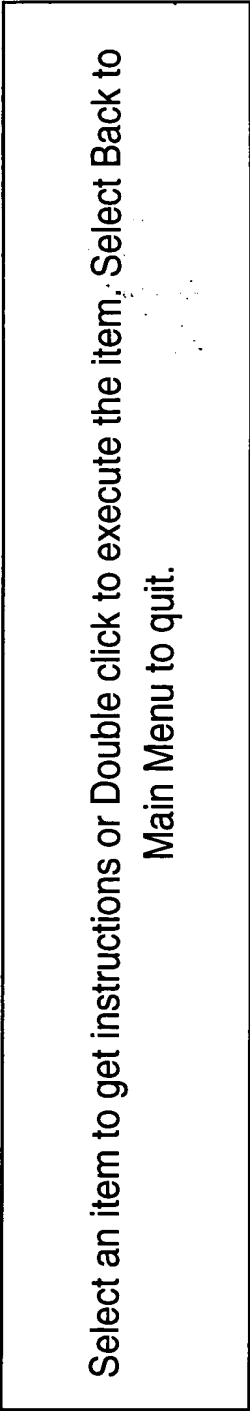
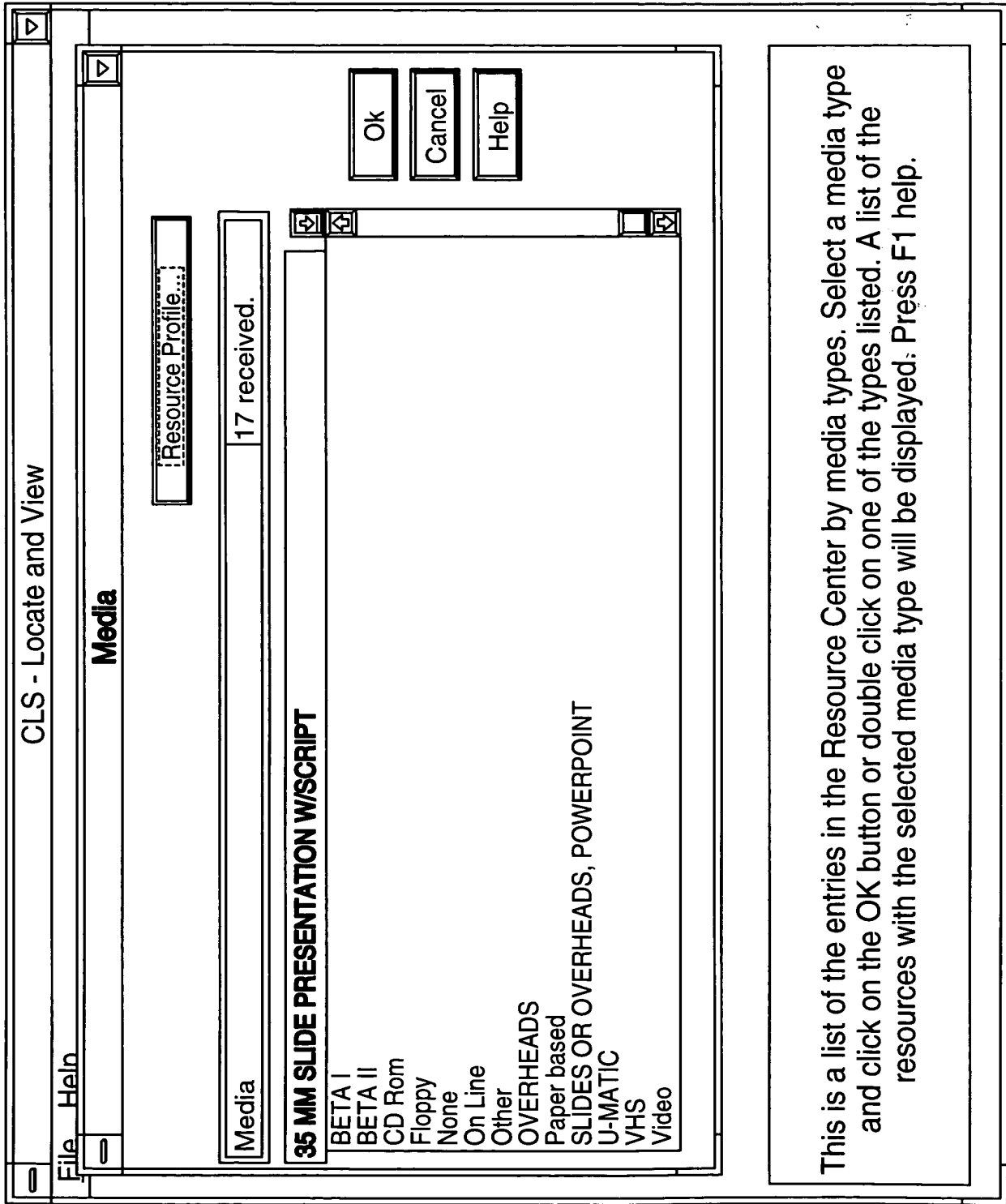


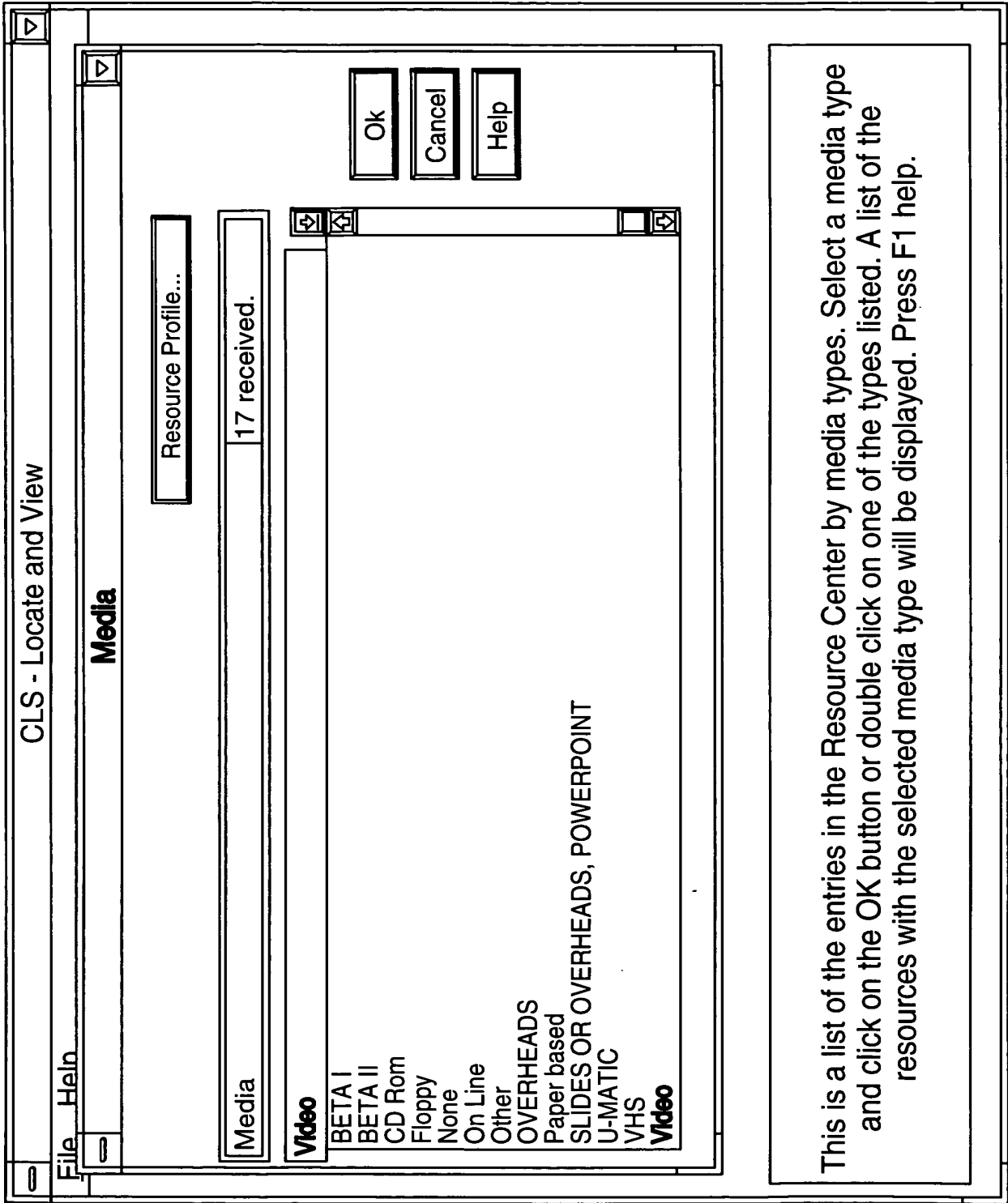
FIG. 26



This is a list of the entries in the Resource Center by media types. Select a media type and click on the OK button or double click on one of the types listed. A list of the resources with the selected media type will be displayed. Press F1 help.

APPROVED	O.G. FIG.
BY	CLASS CUPCLASS
DRAFTSMAN	

FIG. 27



This is a list of the entries in the Resource Center by media types. Select a media type and click on the OK button or double click on one of the types listed. A list of the resources with the selected media type will be displayed. Press F1 help.



FIG. 28

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

CLS - Locate and View

File Help

Media - Video

Resource Profile...

Media Title 3 received.

3180 PRODUCT OVERVIEW (34 MIN)

3180 PRODUCT OVERVIEW (34 MIN)

NCR 345X AND 35XX PERFORMANCE LEADERS

NCR System 3450/3550 Hardware Overviews

Ok Cancel Help

This is a list of the entries in the Resource Center by media types. Select a media type and click on the OK button or double click on one of the types listed. A list of the resources with the selected media type will be displayed. Press F1 help.

**FIG. 29**

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

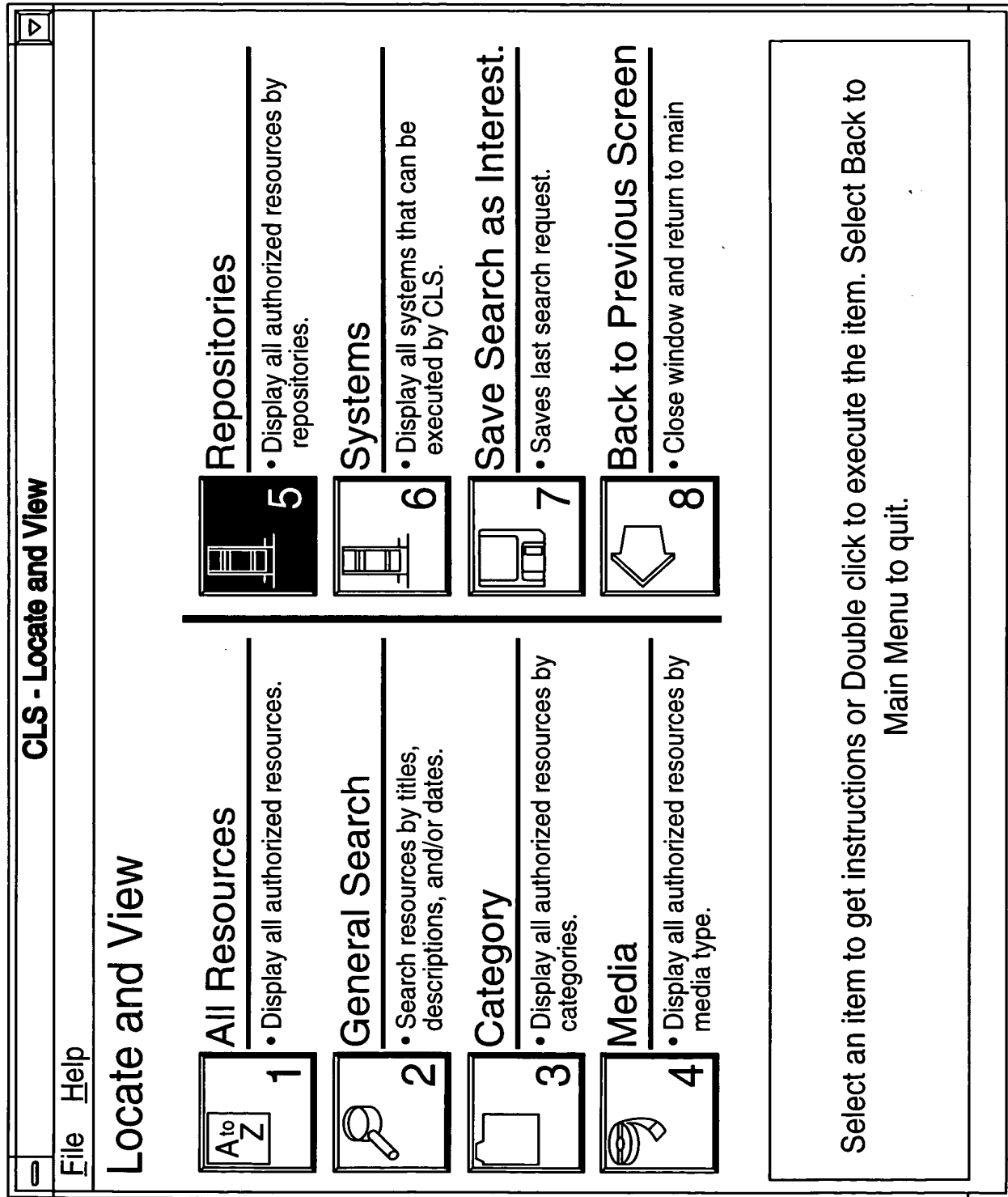


FIG. 30

APPROVED  
BY  
DRAFTSMAN

0.G. FIG.  
CLASS  
SUBCLASS

CLS - Locate and View

File Help

Resource Center - Repositories

Resource Profile...

Repository8 received.

Marketing Core Server Team

Application Development Environment (ADE)  
Continuous Learning System  
Corporate Information Systems Service  
Integrated Client Server Systems Information Products  
**Marketing Core Server Team**  
Public Relations and Associate Information  
QUOTE-TO-CASH  
United States Group (USG)

Ok  
Cancel  
Help

This is a list of the current repositories in the Resource Center. Select a repository and click on the OK button to reveal a resources on the selected repository or select the ADDITIONAL INFORMATION button to learn more about the select repository.

FIG. 31

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

CLS - Locate and View

File Help

Resource Center - Repositories

Media

Title

28 received.

Resource Profile...

MSCT - 3450 Europe Group

MSCT - 3450 Europe Group

MSCT - 3450 LAMEA Group

MSCT - 3450 Pacific Group

MSCT - 3450 United States

MSCT - 3550 Europe Group

MSCT - 3550 LAMEA Group

MSCT - 3550 Pacific Group

MSCT - 3550 United States

MSCT - NCR Server Positioning

MSCT - NCR Server Solutions

MSCT - NCR Server Solutions Deliver Total Value

MSCT - Server Positioning Material (Charts 1-8)

MSCT - Server Positioning Material (Charts 13-22)

Ok

Cancel

Help

This is a list of the current repositories in the Resource Center. Select a repository and click on the OK button to reveal a resources on the selected repository or select the ADDITIONAL INFORMATION button to learn more about the select repository.

FIG. 32

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

CLS - Locate and View

File Help

Resource Center - Repositories

Resource Profile...

28 received.

Media Title

**WWSM - Windows NT "The Right Choice"**

MSCT - Server Positioning Material (Charts 42-45)  
MSCT - Server Positioning Material (Charts 9-12)  
MSCT - Transaction Processing Performance Story (TPC) 2  
MSCT - Winning Against HP  
WWSM - 3410 Product  
WWSM - 3430 Product  
WWSM - 35XX Product  
WWSM - AT&T / NCR Overview  
WWSM - Lifekeeper FRS  
WWSM - NCR OCC / Operating System  
WWSM - NCR UNIX "Ready for Prime Time"  
WWSM - TPC Overview  
**WWSM - Windows NT "The Right Choice"**

Ok

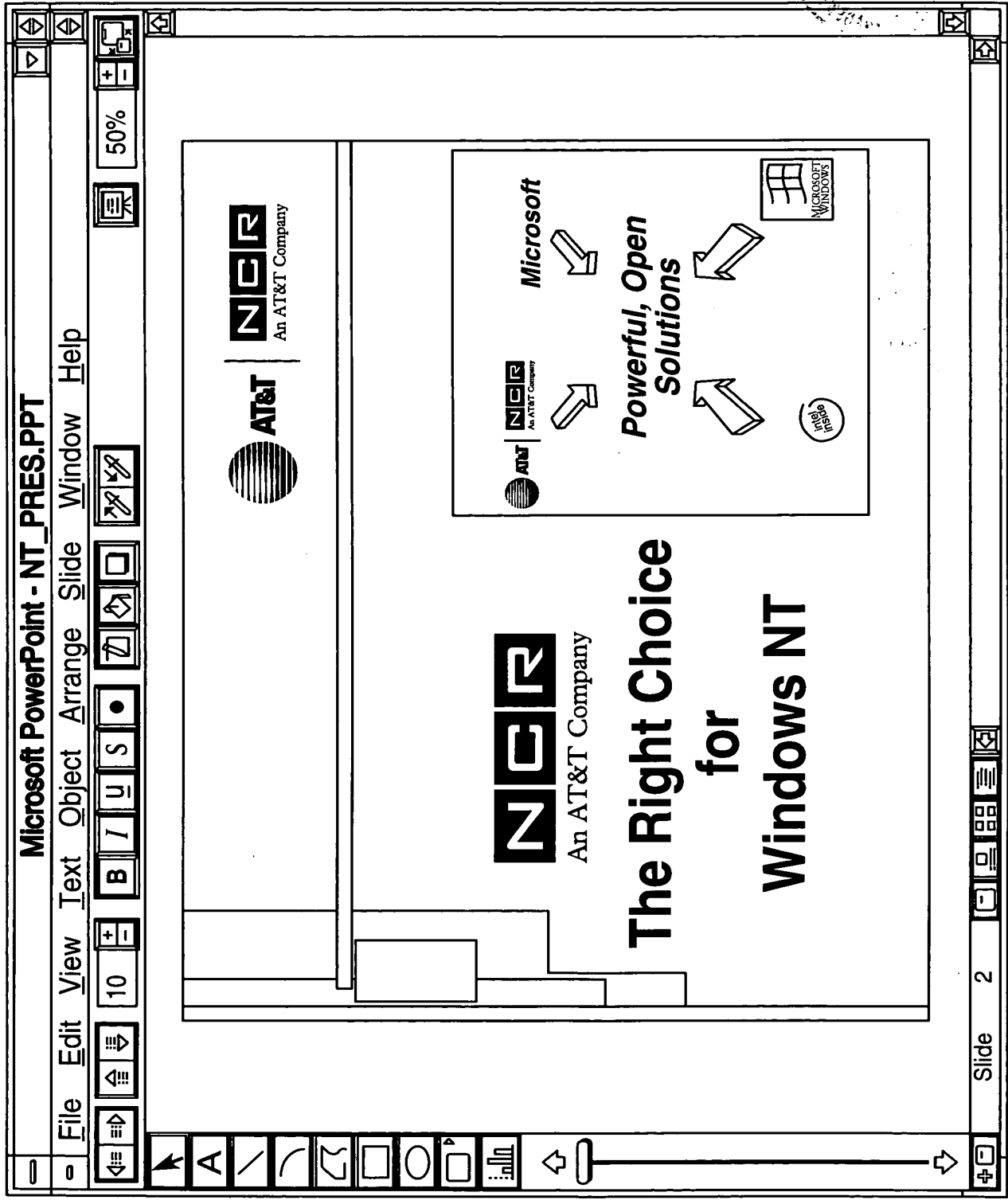
Cancel

Help

This is a list of the current repositories in the Resource Center. Select a repository and click on the OK button to reveal a resources on the selected repository or select the ADDITIONAL INFORMATION button to learn more about the select repository.

FIG. 33

APPROVED	O.G. FIG.
BY	CLASS
CRAFTSHAH	SUBCLASS



**FIG. 34**

APPROVED	D.G.FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

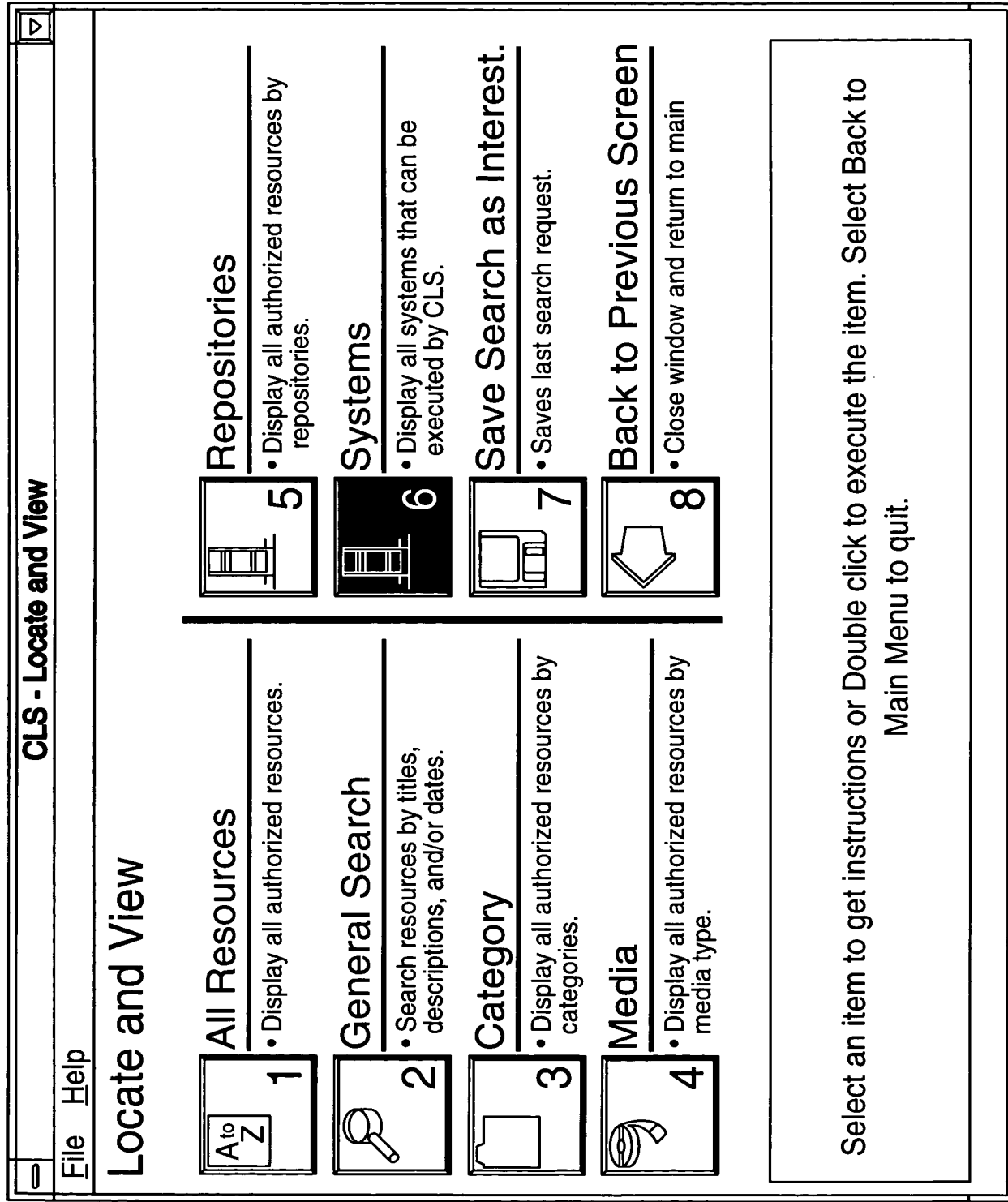
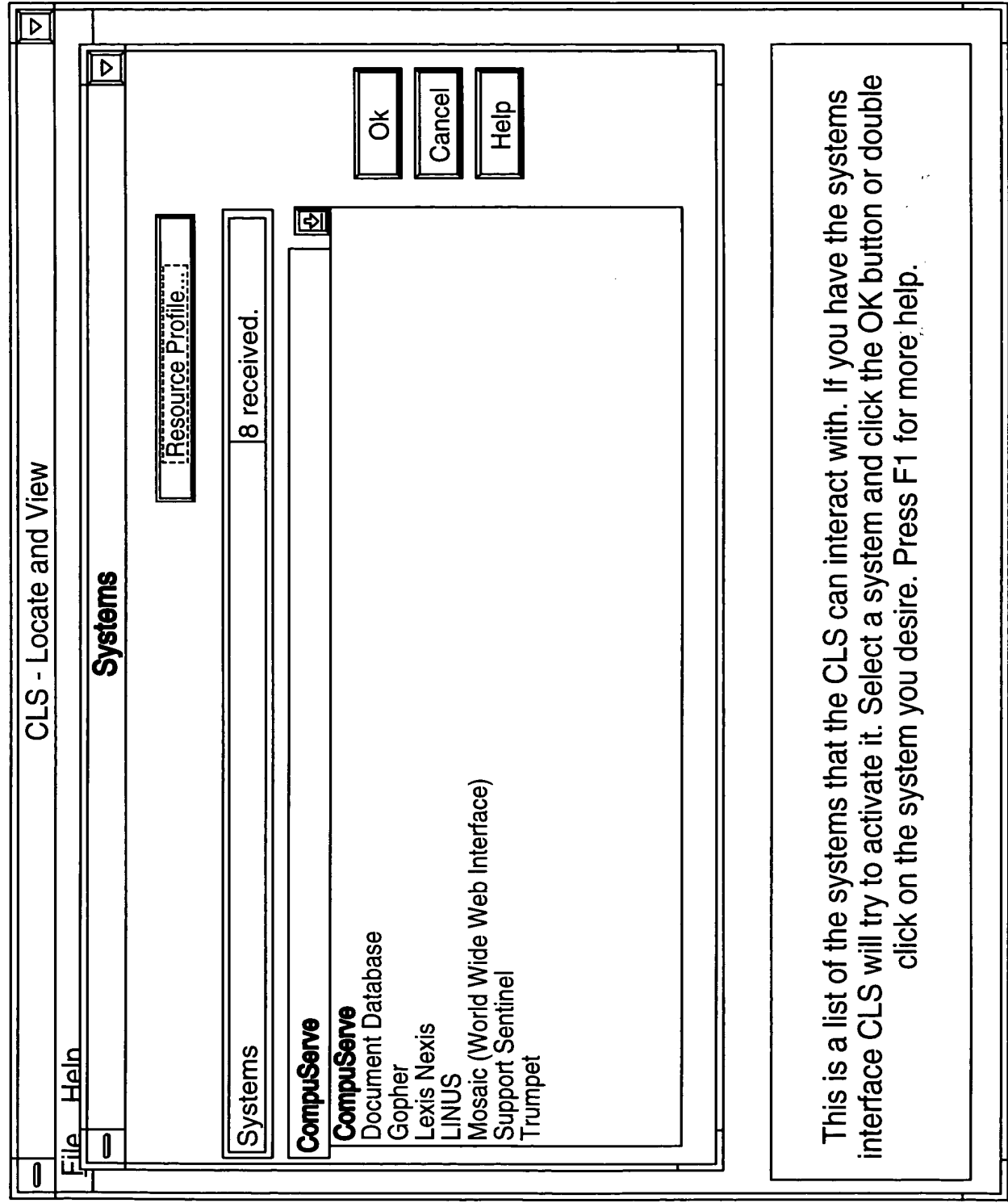


FIG. 35

APP NOVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



This is a list of the systems that the CLS can interact with. If you have the systems interface CLS will try to activate it. Select a system and click the OK button or double click on the system you desire. Press F1 for more help.





APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

FIG. 37

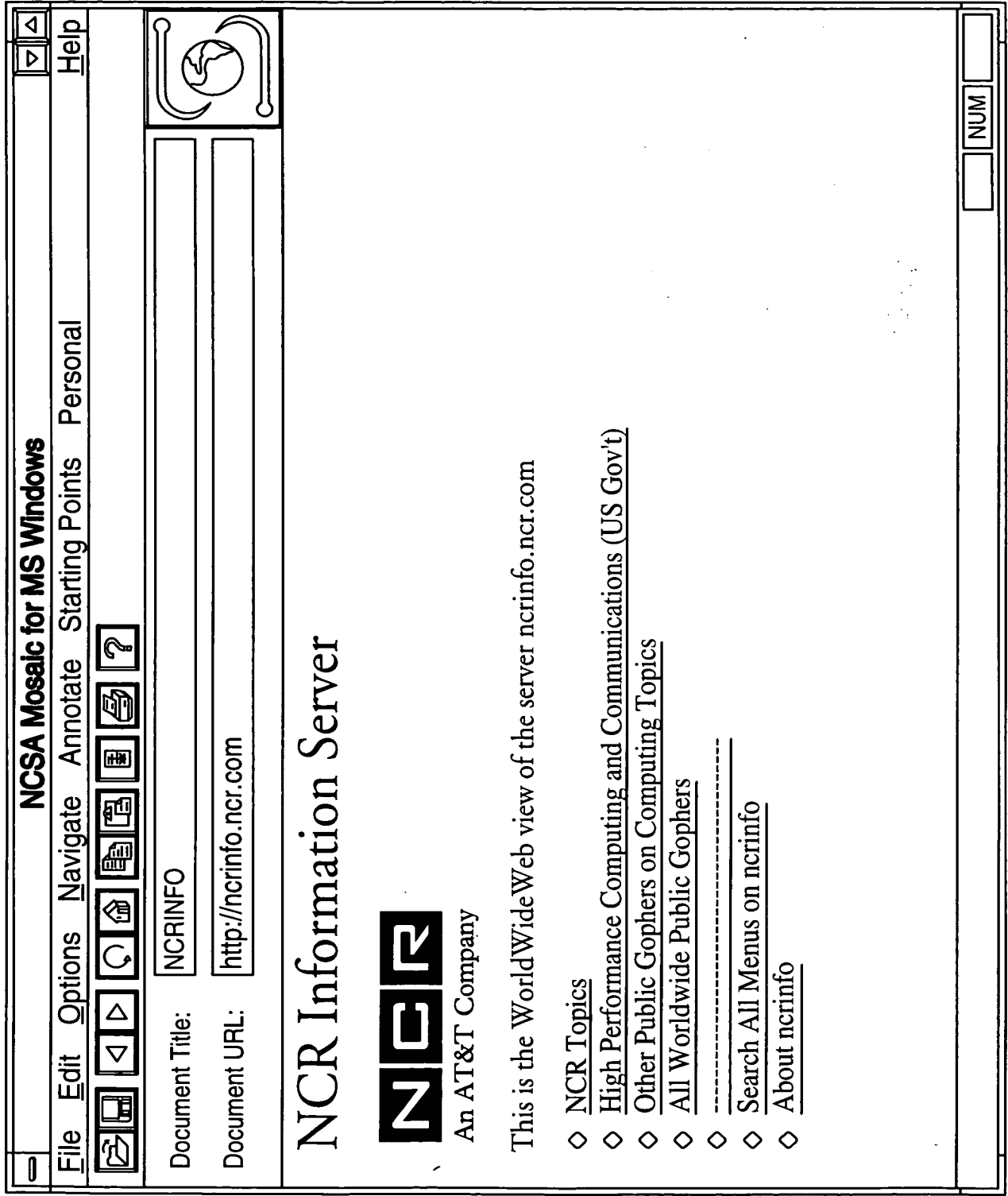
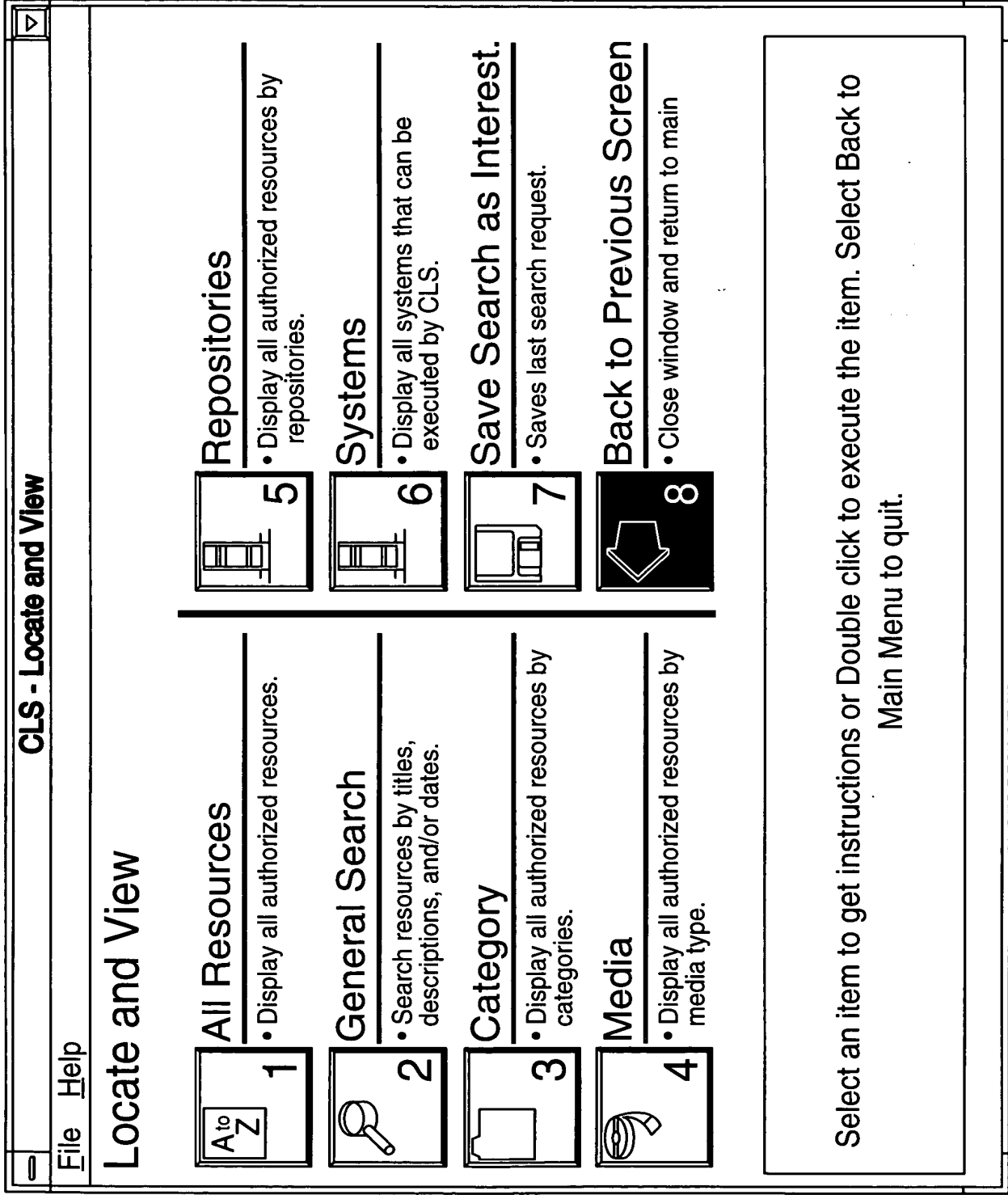
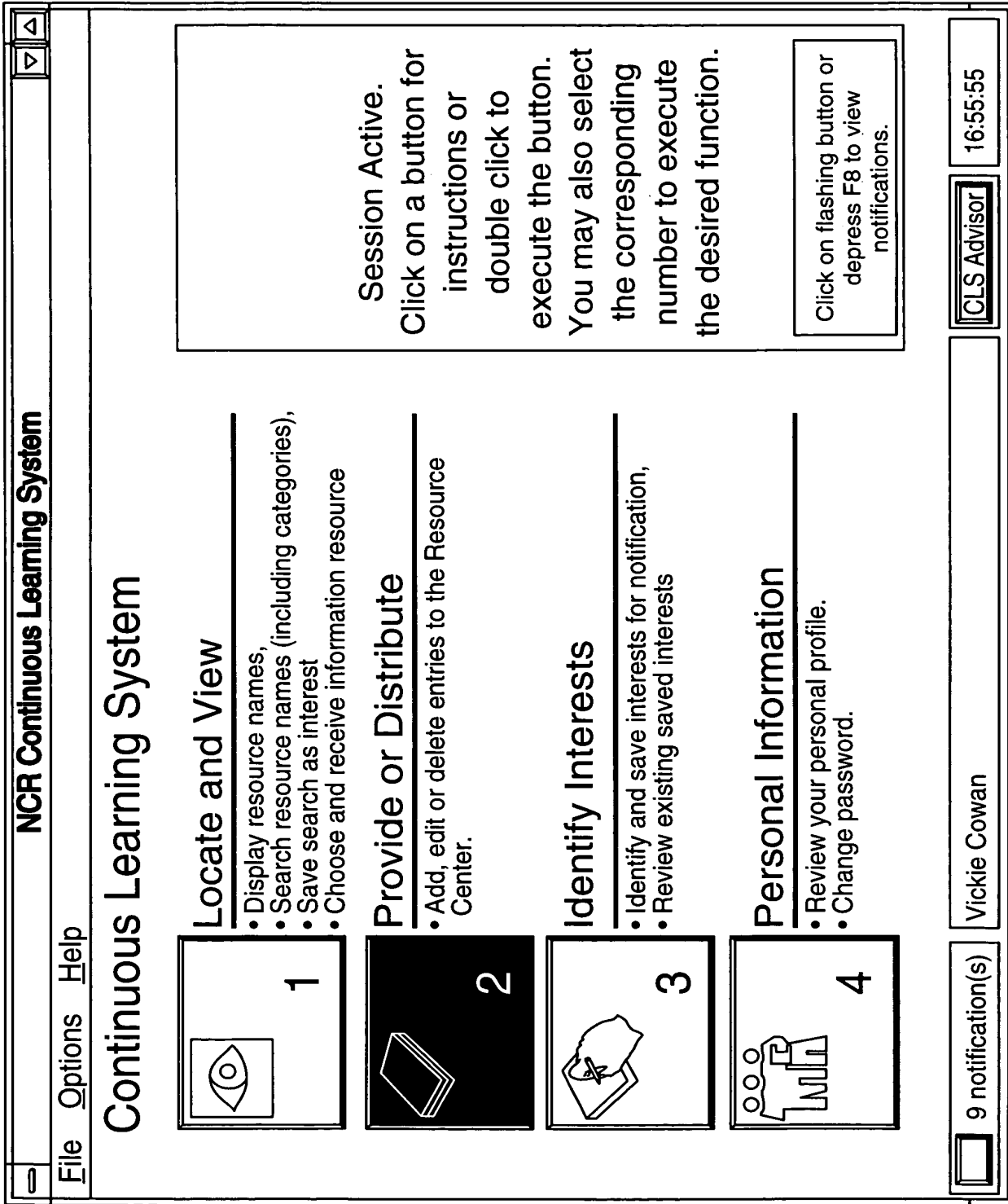


FIG. 38



**FIG. 39**

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	



**FIG. 40**

APPROVED	O.G.FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

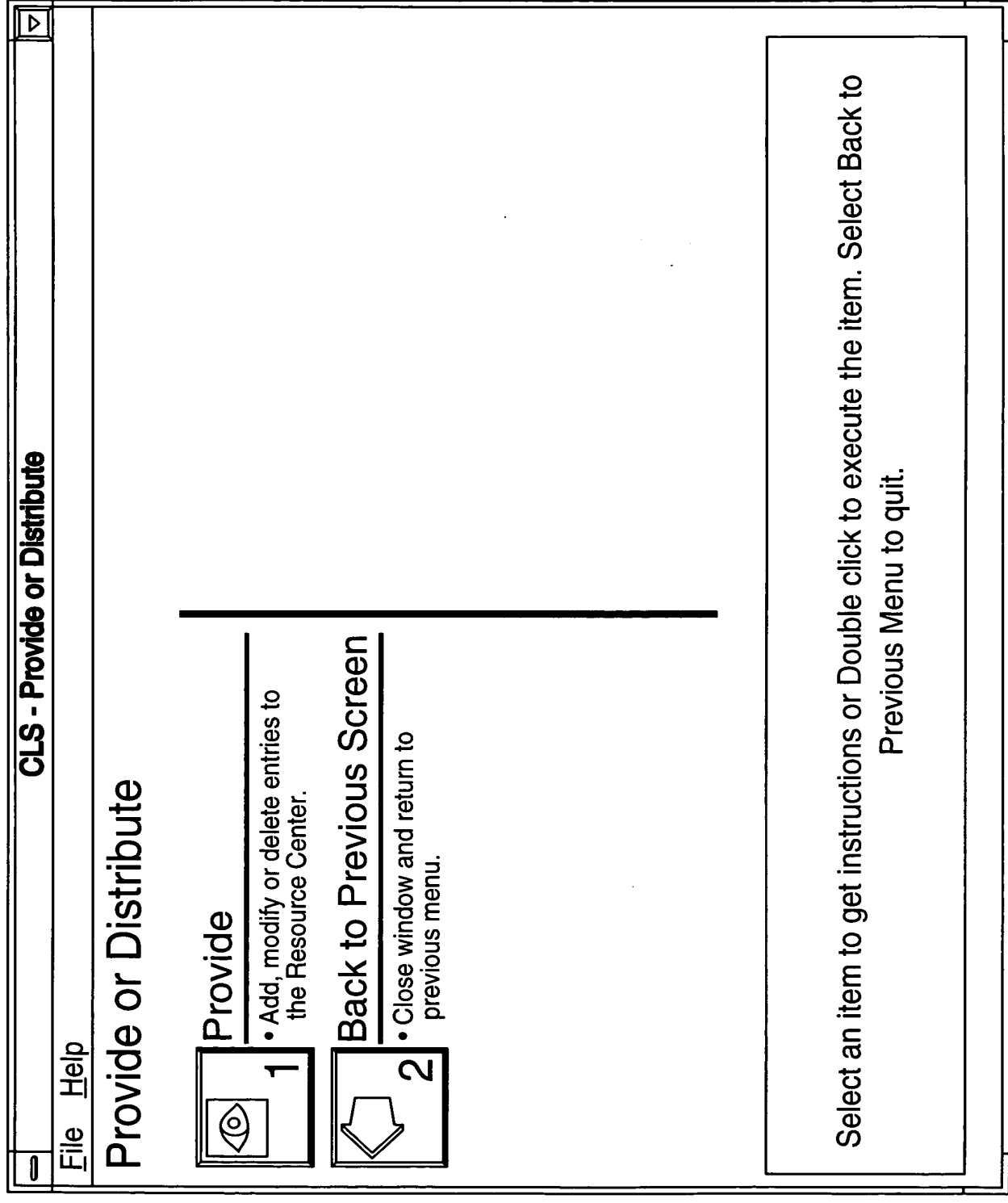


FIG. 41

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

Resource Administration

File Help

☐ Public

☐ Organization

☐ Team

Resource Title:

Date Added: / /

Product ID:

Cost:

Price

Information Category:

Information Filename:

Repository:

Resource Description:

Remarks

Media:

Format:

Point of Contact:

Alternate Administrator:

Bitmap>>

Ok

Cancel

New

Modify

Delete

Clear All

Help

Please select either New, Modify or Cancel.

APPROVED	O.G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

Resource Administration	
File	Help
Access Level:	<input type="checkbox"/> Public <input type="checkbox"/> IPD only <input type="checkbox"/> Team
Resource Title:	
Date Added:	Date Updated: / /
Product ID:	Media:
Cost:	Format:
Price:	Point of Contact:
Information Category:	Alternate Administrator:
Information Filename:	<input type="button" value="Bitmap&gt;&gt;"/>
Repository:	<input type="button" value="Customer"/> <input type="button" value="Marketing"/> <input type="button" value="Product"/> <input type="button" value="Supplier"/> <input type="button" value="Technology"/> <input type="button" value="Other"/> <input type="button" value="Partnership"/>
Resource Description:	
Remarks	

Please enter new data at this time and click on OK.

FIG. 43

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

File Help
Resource Administration

Access Level: ☐ Public ☐ IPD only ☐ Team

Resource Title:

Date Added:  Date Updated:  / /

Product ID:

Cost:

Price:

Information Category:

Information Filename:

Repository:

Resource Description:

Remarks:

Media:

Format:

Point of Contact:

Alternate Administrator:

Product Supplier Technology **Other** Partnership CORE IP CLS-TEAM NOTES

Please enter new data at this time and click on OK.





FIG. 44

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

Resource Administration	
File	Help
Access Level:	<input type="checkbox"/> Public <input type="checkbox"/> IPD only <input type="checkbox"/> Team
Resource Title:	
Date Added:	<input type="text"/> / <input type="text"/> / <input type="text"/>
Product ID:	<input type="text"/>
Cost:	<input type="text"/>
Price:	<input type="text"/>
Information Category:	<input type="text"/>
Information Filename:	<input type="text"/>
Repository:	<input type="text"/>
Resource Description:	<input type="text"/>
Remarks	<input type="text"/>
Please enter new data at this time and click on OK.	
<div>OkCancelNewModifyDeleteClear AllHelp</div>	

FIG. 45

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Resource Administration

File Help

☐ Public

☐ IPD only

☐ Team

Resource Title:

Date Added: / /

Product ID:

Cost:

Price

Information Category:

Information Filename:

Repository:

Resource Description:

Remarks

Media:

Format:

Point of Contact:

Alternate Administrator:

Bitmap>>

Ok

Cancel

New

Modify

Delete

Clear All

Help

Please enter new data at this time and click on OK.

FIG. 46

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

File Help

Resource Administration

☐ Public

☐ IPD only

☐ Team

Access Level:

Resource Title:

Date Added:

Product ID:

Cost:

Price

Information Category:

Information Filename:

Repository:

Resource Description:

Remarks

Filename: \*\*

File size: 0

Current Directory: C:\CLNUPDATE

Dir List:  
[-a-]  
[-c-]  
[-m-]  
[-p-]  
[-s-]  
[...]  
cat.ico  
catatoz.ico  
clnsign.obr  
clnsign1.obr  
cls.ini  
clshelp.hlp  
clsnew.zip  
clsxfr.bat  
clsxfr.pif

Edit...

OK

Cancel

Ok

Cancel

New

Modify

Delete

Clear All

Help

Please enter new data at this time and click on OK.

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

Resource Administration	
<u>F</u>	<u>H</u>
Access Level:	<input type="checkbox"/> Public <input type="checkbox"/> IPD only <input type="checkbox"/> Team
Resource Title:	Filename : cls1.bmp File size : 19318
Date Added:	Current Directory : C:\WINDOWS
Product ID:	Dir List :
Cost:	<div style="border: 1px solid black; padding: 5px;">             Filenames :              clock.exe              cls.bmp  <b>cls1.bmp</b>              clsadmin.grp              clsdemo.ppt              clsdisk.doc              clsicons.bmp              clsxfr.tif           </div>
Price:	[-a-] [-c-] [-m-] [-p-] [-s-] [.]
Information Category:	Edit...
Information Filename:	OK
Repository:	Cancel
Resource Description:	<div style="border: 1px solid black; height: 100px;"></div>
Remarks:	<div style="border: 1px solid black; height: 100px;"></div>

Please enter new data at this time and click on OK.

FIG. 48

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SU3CLASS

File Help		Resource Administration	
Access Level:		<input checked="" type="checkbox"/> Public	
		<input type="checkbox"/> IPD only	
		<input type="checkbox"/> Team	
Resource Title:		CLS - Test resource for training	
Date Added:			Date Updated: / /
Product ID:			Media: On Line
Cost:			Format: Notepad
Price:			Point of Contact: McCollum, Tab
Information Category:		General	Contact: Cowan, Vickie
Information Filename:		\public\tab\test1.txt	Alternate Administrator: C:\WINDOWS\CLS1.BM
Repository:		Continuous Learning System	
Resource Description:			
Remarks			
Please enter new data at this time and click on OK.			
Ok		Cancel	
New		Modify	
Delete		Clear All	
Help			

APPROVED	O.G. FIG.	CLASS	SUECLASS
BY			
CRAFTSMAN			

Resource Administration	
File	Help
Access Level:	<input checked="" type="checkbox"/> Public <input type="checkbox"/> IPD only <input type="checkbox"/> Team
Resource Title:	CLS - Test resource for training
Date Added:	<input type="text"/> / <input type="text"/> / <input type="text"/>
Product ID:	<input type="text"/>
Cost:	<input type="text"/>
Price:	<input type="text"/>
Information Category:	<input type="text"/>
Information Filename:	<input type="text"/>
Repository:	<input type="text"/>
Resource Description:	<input type="text"/>
Remarks	<input type="text"/>

FIG. 50

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

CLS - Locate and View

File Help

LC

File Help

AND-@

OR-/

NOT-!

training

AND

ON

/ /

dd/mm/yy

Title:

Description:

Date:

Ok

Cancel

Clear

Help

media

4

BACK TO PREVIOUS SCREEN

8

• Display all authorized resources by media type.

• Close window and return to main

Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.

FIG. 51

APPROVED	0.6, FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

File Help

Catalog Search Results

2 entries returned.

Resource Profile...

	Date/Time	Title
1	10/18/93 07:46	Training on the Continuous Learning System
2	01/21/94 16:55	<b>CLS - Test resource for training</b>

Retrieve

Close



FIG. 52

APPROVED BY DRAFTSMAN		D.G. FIG. CLASS SUBCLASS	
<div> <div>File</div> <div>Help</div> </div> <div>CLS - Test resource for training</div>			
Contact	Tab McCollum		
E-Mail	Tab.McCollum@DaytonOH.NCR.COM		
Phone	(513) 445-48682		
FAX			
Added to resource center	21 JAN 94		
Resource updated	21 JAN 94		
Media Type	Notepad		
Format:	On Line		
Product ID:			
Price:			
Description			
Remarks			
<div> <div>Retrieve</div> <div>E-Mail</div> <div>Fax</div> <div>Close</div> </div>			

FIG. 53

APPROVED BY DRAFTSMAN		O.G.FIG.		CLASS SUBCLASS	
-----------------------	--	----------	--	----------------	--

File

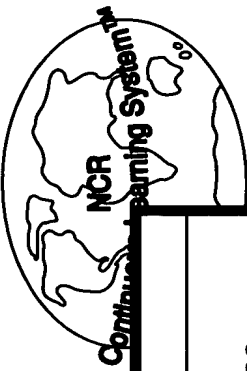
Help

CLS - Test resource for training


  

Contact	Tab McCollum
E-Mail	Tab.McCollum@DaytonOH.NCR.COM
Phone	(513) 445-48682
FAX	
Added to resource center	21 JAN 94
Resource updated	
Media Type	Notep
Format:	On Lin
Product ID:	
Price:	



CLSL Note



Unable to mail request. CLS.TXT in the c:\c\output directory has been created. Do wish to view this file ?

Yes

No

Cancel

Description	
Remarks	

Retrieve

E-Mail

Fax

Close

FIG. 54

APPROVED			O.G. FIG.		
BY			CLASS		
DRAFTSMAN			SUCCESS		

Notepad - CLS.TXT

File Edit Search Help

Continuous Learning System Notification  
01/21/94 05:03PM  
TO: TAB MCCOLLUM  
E-mail: Tab.McCollum@DaytonOH.NCR.COM  
FROM: VICKIE COWAN  
E-MAIL: vickie.cowan@daytonoh.ncr.com  
MAIL DROP: emd-3  
PHONE:  
LOCATION: dayton, OH  
\*\*\*\*\*  
VICKIE COWAN would like to obtain information  
on the following subjects(s).

-----  
Title: CLS - TEST RESOURCES FOR TRAINING

Please contact the above individual if more information is required.

End Notification.

**FIG. 55**

FIG. 56

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

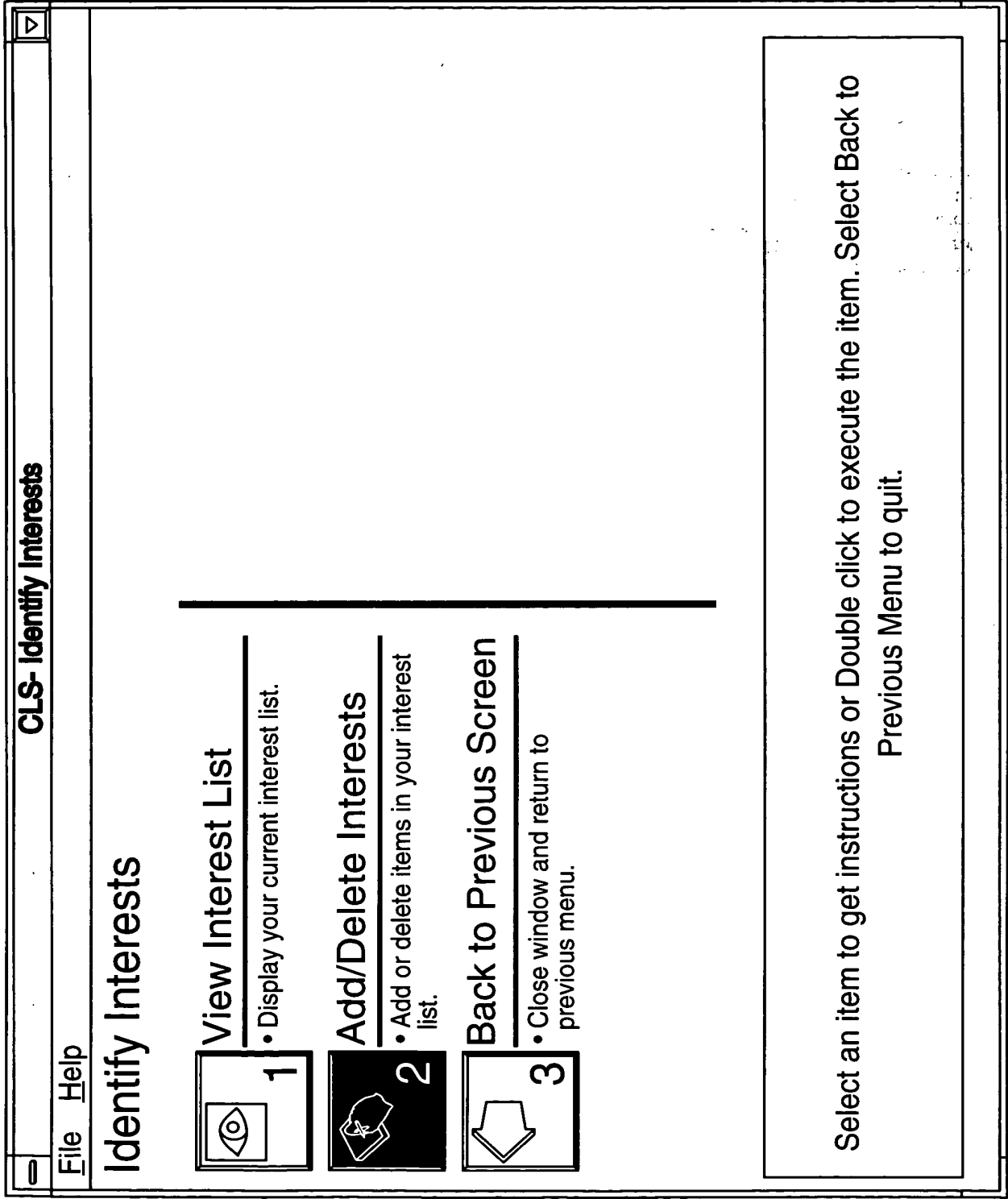


FIG. 57

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

File Help

Identify Interests

1

2

3

Interests Administration

File View Help

AND-@ OR-/ NOT-!

Enter phrase.

Title:

AddDeleteClearCancel

Help

previous menu.

Double click to add or delete interests to your current listing. Please note - items that are added, modified or deleted will search your interest list. If there is a match, a blinking icon will display on the menu screens.

FIG. 58

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

CLS- Identify Interests

File Help

Identify Interests

1

2

3

File

View

Help

AND

Current Interests

Interests Administration

Enter phrase.

Title:

Add

Delete

Clear

Cancel

Help

previous menu.

Double click to add or delete interests to your current listing. Please note - items that are added, modified or deleted will search your interest list. If there is a match, a blinking icon will display on the menu screens.

**FIG. 59**

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

CLS- Identify Interests

File Help

Identify Interests

Interests Administration

File View Help

AND-@ OR-/ NOT-!

Help

Add

Delete

Clear

Cancel

1

View

• Display

2

Add/

• Add on list.

Enter phrase.

Title:

Back to Previous Screen

View Interests

File Help

These are your current interests.

CLS

Ok

Cancel

at listing. Please note - items that

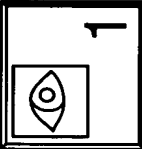
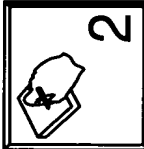
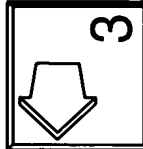
erest list. If there is a match, a

menu screens.



FIG. 60

APPROVED	U.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

CLS- Personal Information	
File Help	
<b>Personal Information</b>	
	<b>View Personal Profile</b> <ul style="list-style-type: none"><li>• Display your current personal profile.</li></ul>
	<b>Change Password</b> <ul style="list-style-type: none"><li>• Change your password to CLS.</li></ul>
	<b>Back to Previous Screen</b> <ul style="list-style-type: none"><li>• Close window and return to previous menu.</li></ul>

Select an item to get instructions or Double click to execute the item. Select Back to Previous Menu to quit.

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 61

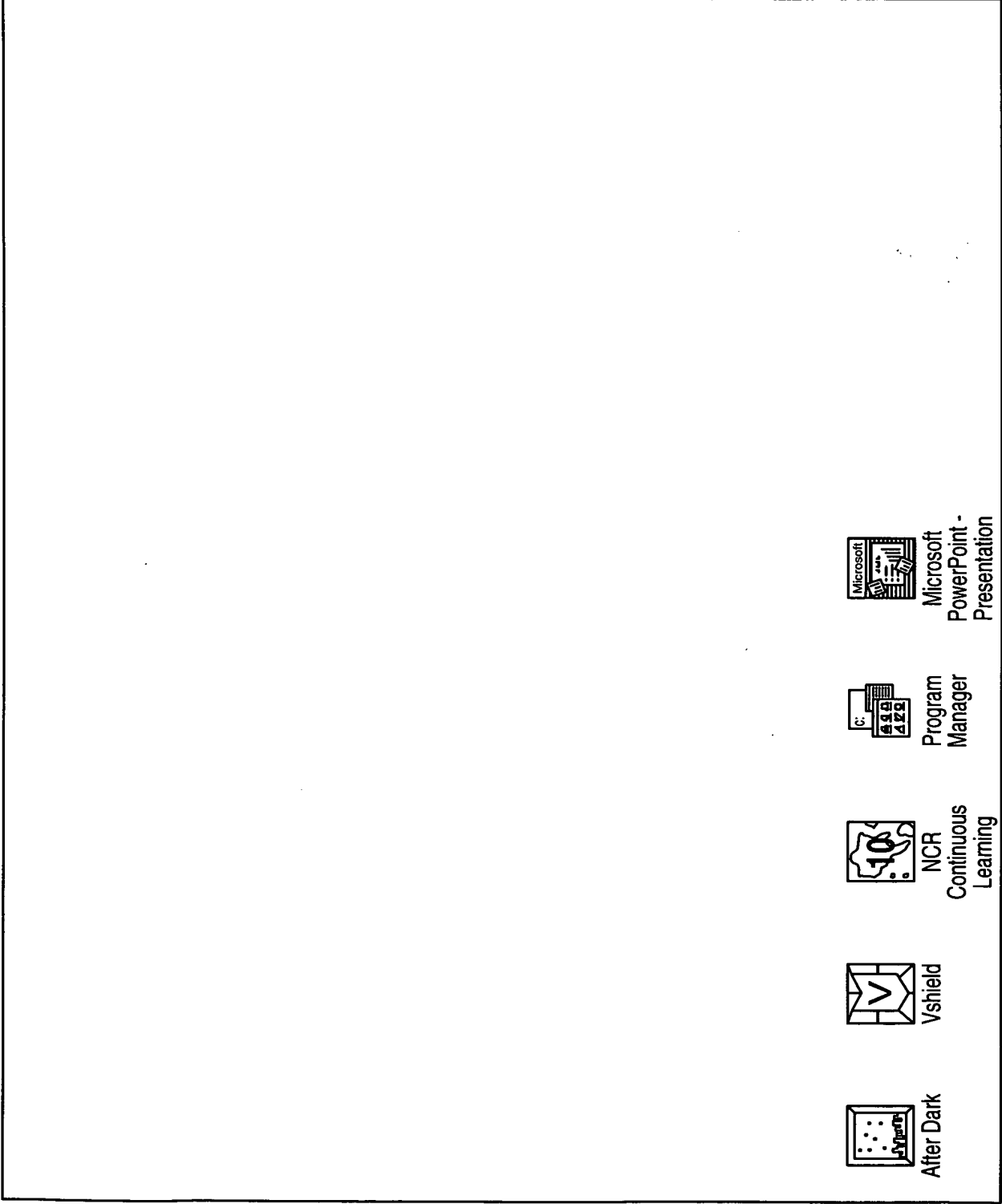


FIG. 62

APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

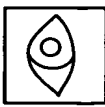
Catalog Search Results		
File	Help	
<div>Retain Notification ? <input checked="" type="radio"/> Yes   <input type="radio"/> No</div>		
<div>Resource Profile...</div>		
10 entries returned.		
	Date/Time	Title
1	On Line	12/01/93 20:48 CLS - Sample Log File
2	On Line	12/02/93 13:50 CLS - Pilot Plan
3	On Line	12/13/93 15:03 CLS - Overview Powerpoint Presentation
4	On Line	12/13/93 15:29 CLS - Overview Presentation
5	On Line	12/13/93 15:32 CLS - User Guide
6	On Line	01/05/94 13:38 CLS - Add New User Template
7	On Line	01/07/94 16:10 CLS - Latest version of the CLS application (pkzip)
8	On Line	01/07/94 16:13 CLS - Developer notes and new release 1.01 procedures
9	On Line	01/12/94 14:12 CLS - Parameter file for LINUX interface. (Please read desc
10	On Line	01/21/94 16:55 CLS - Test resource for training
<div>Retrieve   Close</div>		
10 notification(s)   Vickie Cowan   CLS ADVISOR   17:06:26		

FIG. 63

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

NCR Continuous Learning System	
File Options Help	
Exit Alt+F4	Learning System


1



### Locate and View

- Display resource names,
- Search resource names (including categories),
- Save search as interest
- Choose and receive information resource


2



### Provide or Distribute

- Add, edit or delete entries to the Resource Center.


3



### Identify Interests

- Identify and save interests for notification,
- Review existing saved interests

4



### Personal Information

- Review your personal profile.
- Change password.

Session Active.

Click on a button for instructions or double click to execute the button.

You may also select the corresponding number to execute the desired function.

Vickie Cowan

CLS Advisor

17:08:48

FIG. 64

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

NCR Continuous Learning System	
File	Options Help

## Continuous Learning System

1

**Locate and View**

- Display resource names,
- Search resource names (including categories),
- Save search as interest

2

3

4

**Personal Information**

- Review your personal profile.
- Change password.

**CLS Warning**

You have 2 files that have been down loaded during this session. These files WILL be deleted at this time. Would you like to save these

Yes

No

Cancel

on Active.  
a button for  
ctions or  
e click to  
the button.  
y also select  
responding  
to execute  
the desired function.

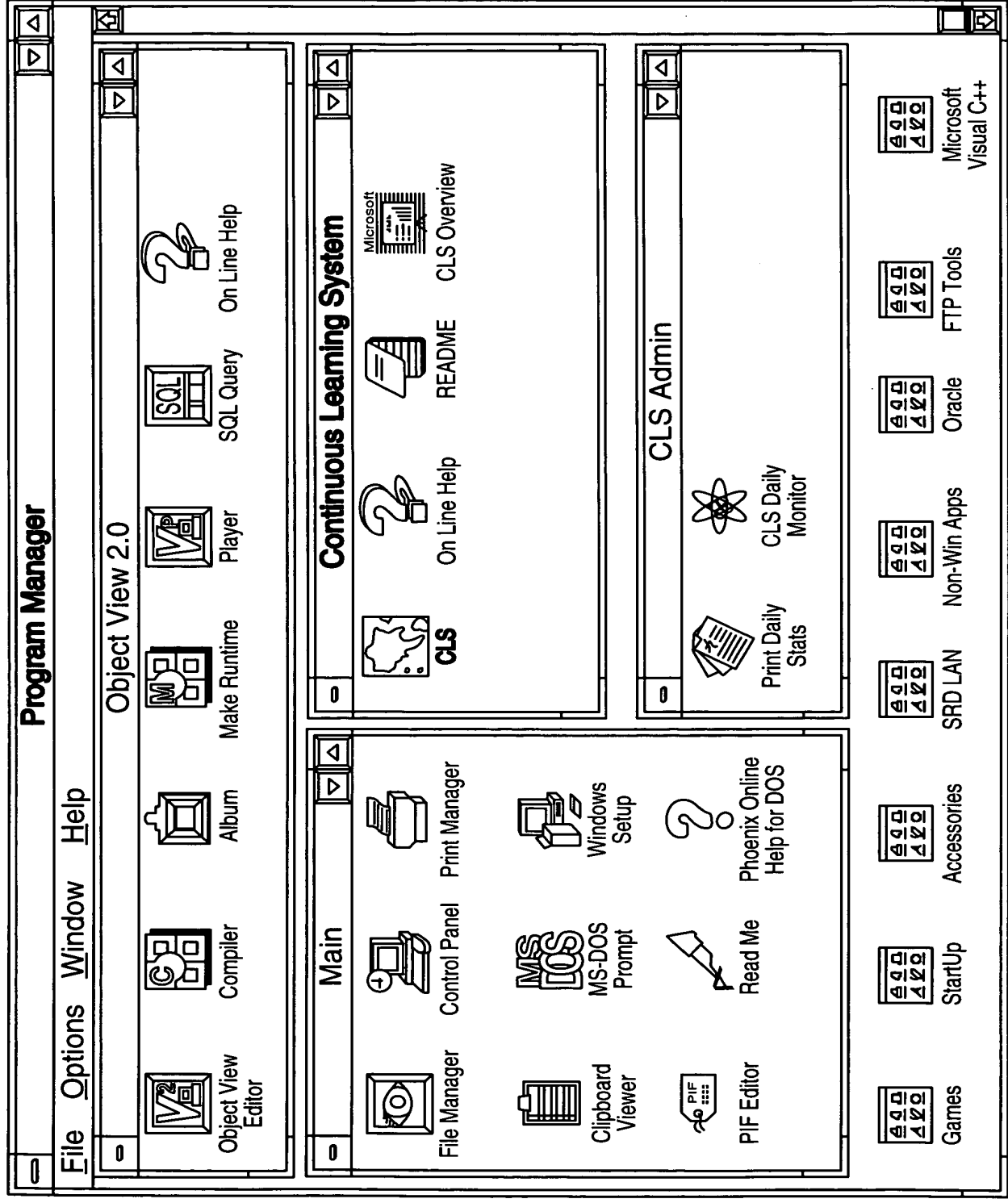
Vickie Cowan

CLS Advisor

17:09:07

FIG. 65

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS



APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSHAH		

## FIG. 66

The next few slides deal with the TEAM security of CLS.

Only Information Administrators can create, modify or delete new teams. Once a team has been assigned to a user, the user can assign resources to that particular team and only those members will see the resource. We have tried to depict a small scenario to give you a better feel for TEAMS. An information administrator has been logged on to show this illustration.

FIG. 67

APPROVED	O.G.FIG.
BY	CLASS SUBCLASS
CRAFTSHAH	

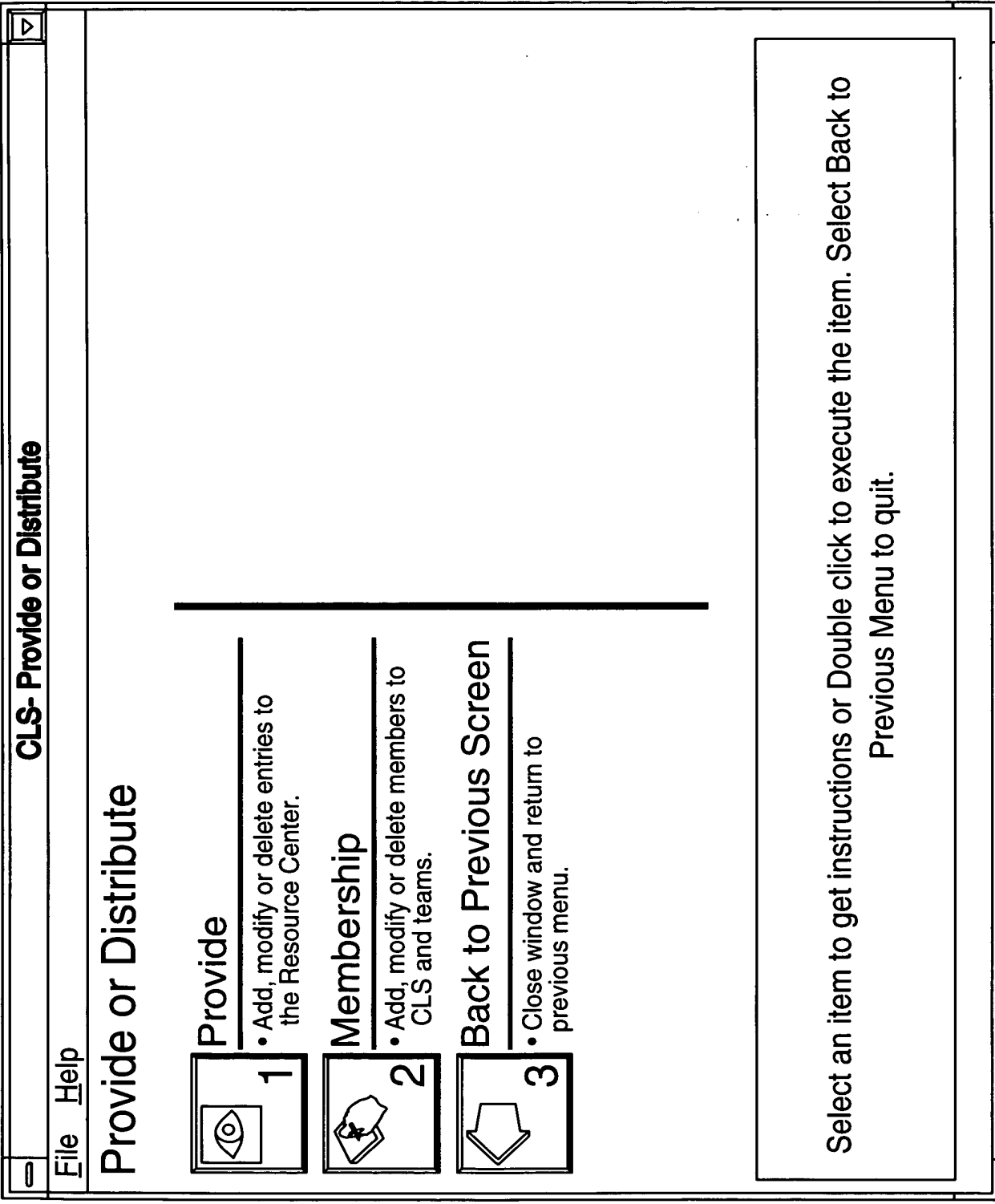
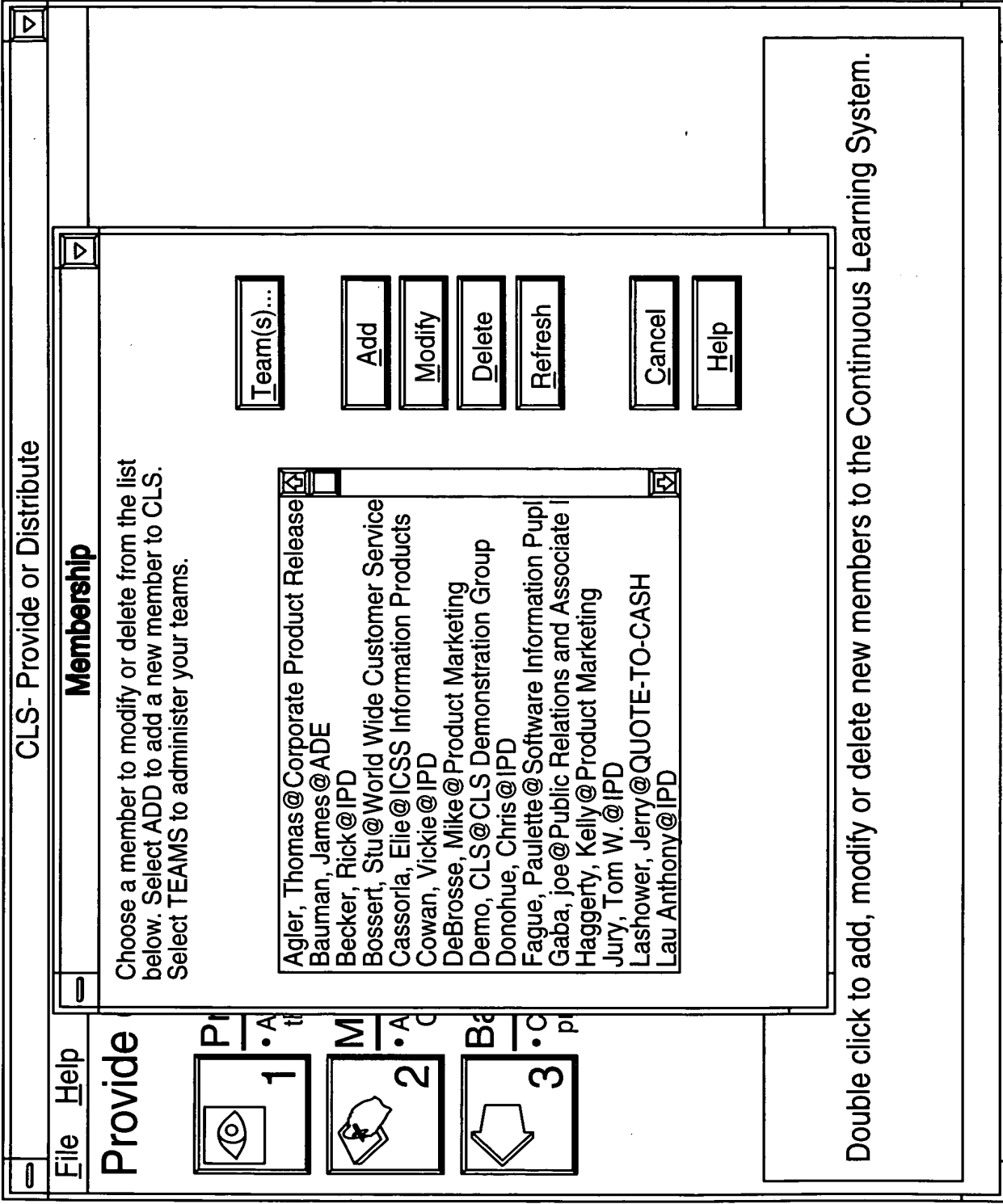


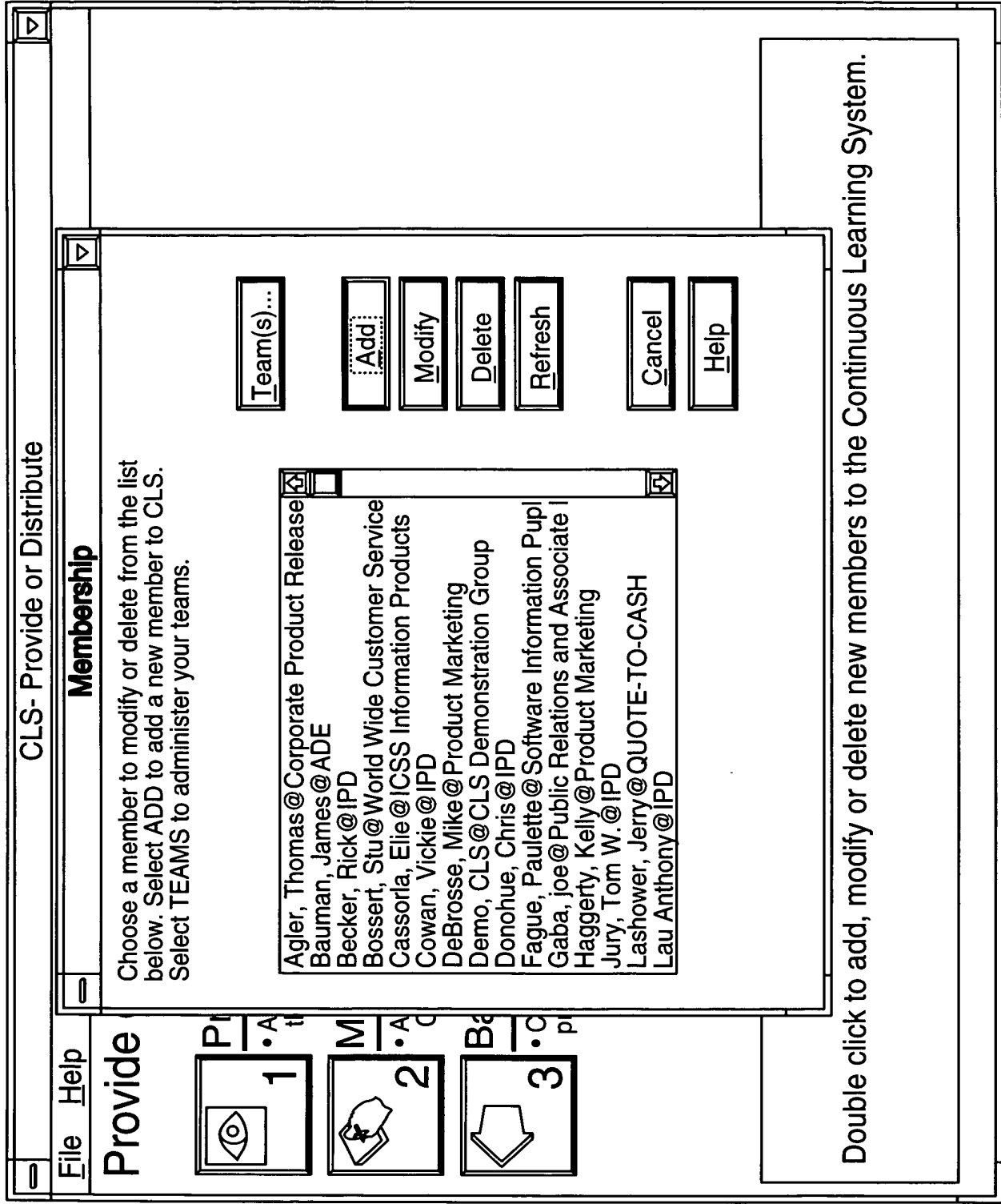


FIG. 68



APPROVED	0.0.FIG.
BY	CLASS
DRAFTS:IAH	SUCCESS

FIG. 69



APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

FIG. 70

CLS- Provide or Distribute	
CLS User Administration	
User ID: 272	Zip Code:
Last Name:	FRC Number:
First Name:	ACCT Number:
E-MAIL Address:	Phone Number:
Mail Drop:	Date Added:
City:	Date Updated:
State:	Type of User:
County:	User Environment:
Title:	CLS Login:
SIP Customer Number	
Reset User Password	
<input type="button" value="Help"/> <input type="button" value="Ok"/> <input type="button" value="Cancel"/>	
Double click to add, modify or delete new members to the Continuous Learning System.	

FIG. 71

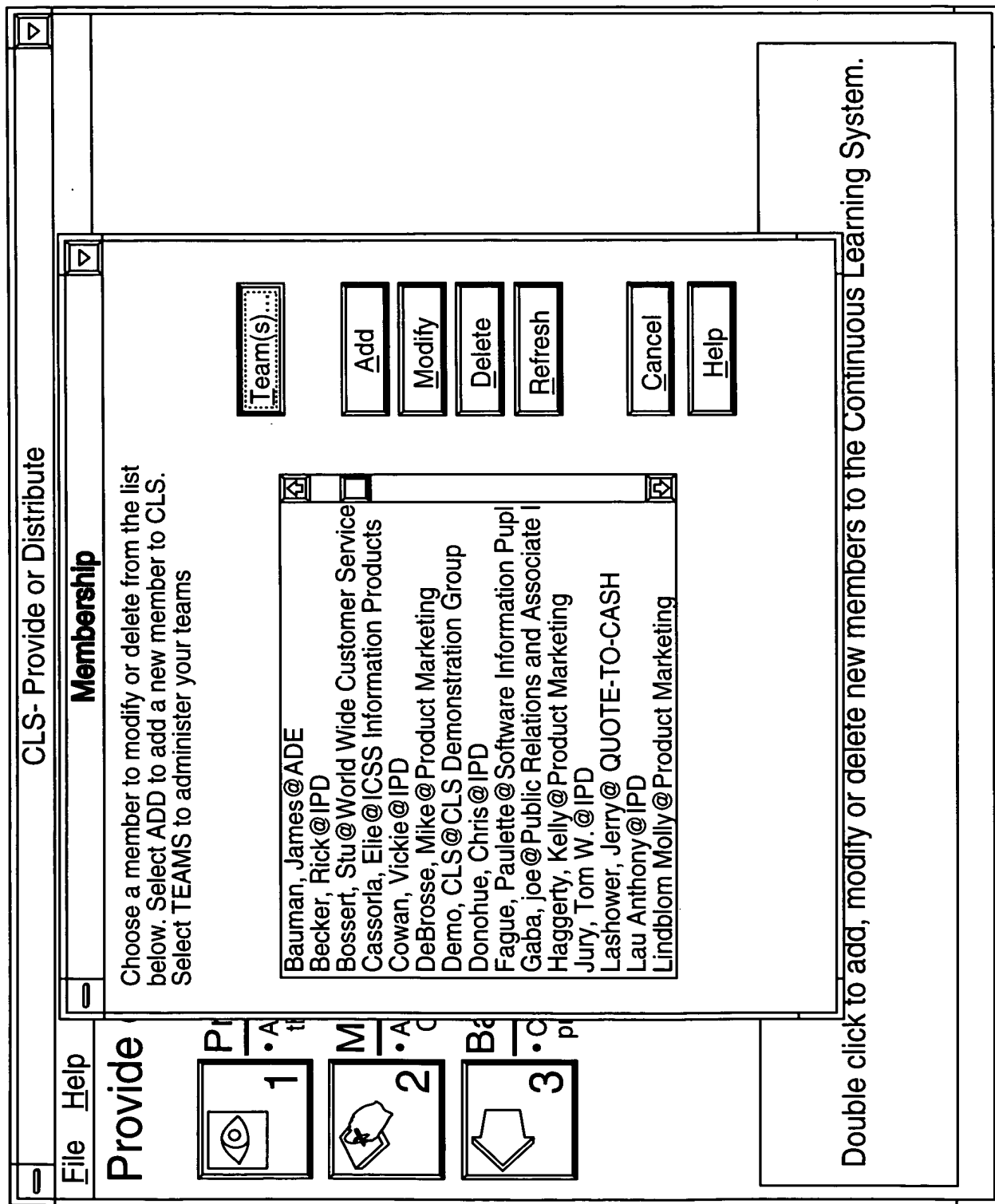




FIG. 73

APPROVED	U.G.FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

<div> <div>File</div> <div>Help</div> </div>		<div>CLS- Provide or Distribute</div>	
<div>Provide</div> <div> <div>1</div> <div>2</div> <div>3</div> </div>		<div>Teams - CLS ADMIN USERS</div>	
<div> <div> <div>This is the current list of members. Please select members from the list below to delete</div> <div> <div>Bauman, James@ADE</div> <div>McCollum, Tab@IPD</div> <div>Siefert, Dave@IPD</div> <div>Williams, Brent A. @Product Marketing</div> </div> </div> <div> <div> <div>Select members from the list below to add to the CLS ADMIN USERS team.</div> <div> <div>@IPD</div> <div>Agler, Thomas@Corporate Product Release</div> <div>Bauman, James@ADE</div> <div>Becker, Rick@IPD</div> <div>Bossert, Stu@World Wide Customer Service</div> <div>Cassorla, Elie@ICSS Information Products</div> <div>Cowan, Vickie@IPD</div> <div>DeBrosse, Mike@Product Marketing</div> </div> </div> </div> </div>		<div> <div>Team(s)...</div> <div> <div>Add</div> <div>Modify</div> <div>Delete</div> <div>Refresh</div> </div> <div> <div>Cancel</div> <div>Help</div> </div> </div>	
<div>Double click to add, modify or delete new members to the Continuous Learning System.</div>			



FIG. 75

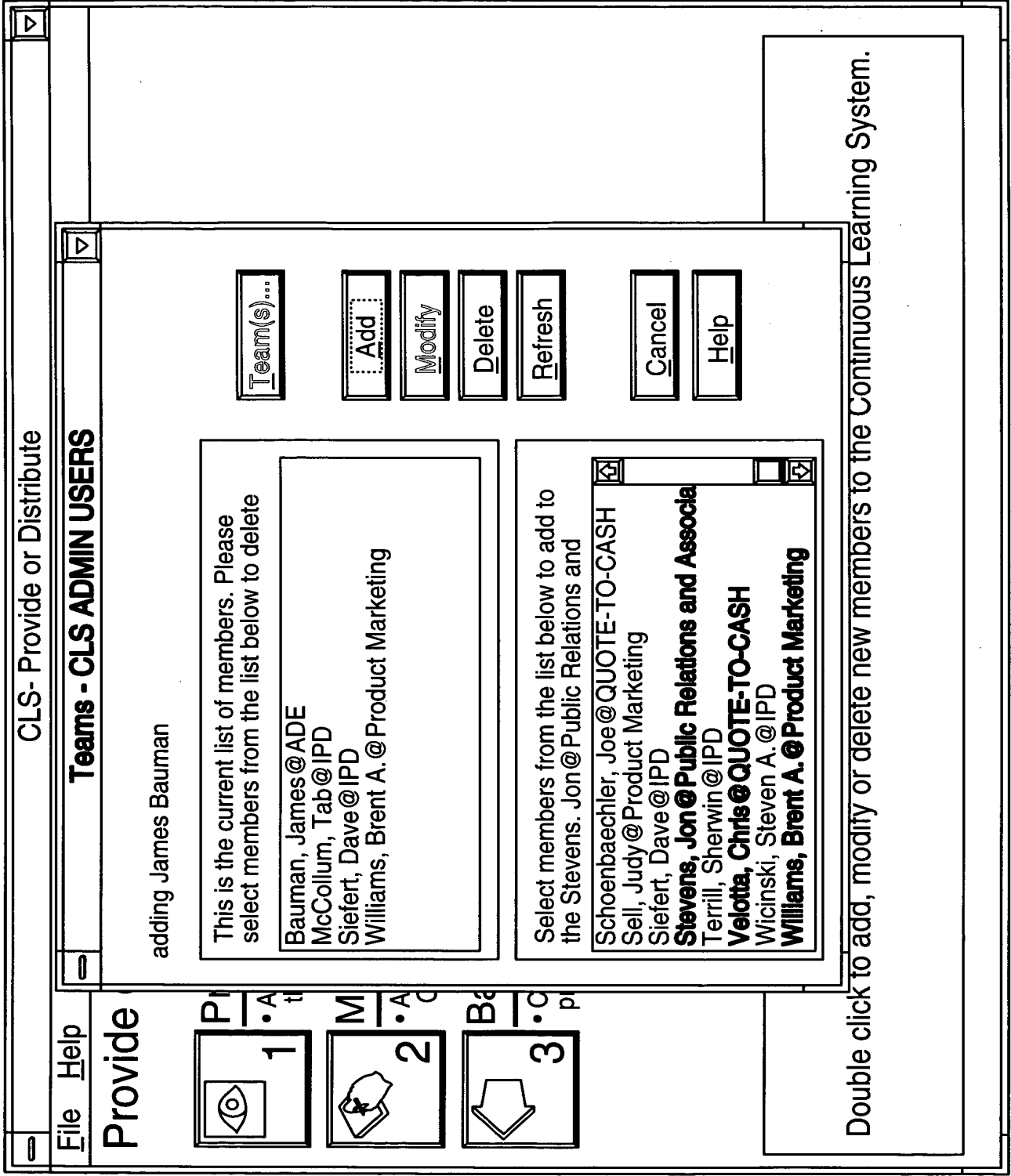






FIG. 77

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

Resource Administration	
File Help	
Access Level:	<input type="checkbox"/> Public <input type="checkbox"/> IPD only <input checked="" type="checkbox"/> Team
Resource Title:	CLS ADMIN USERS CLS TEST TEAM
Date Added:	Date Updated: / /
Product ID:	Media: On Line
Cost:	Format: Microsoft Word
Price:	Point of Contact: McCollum, Tab
Information Category:	Alternate Administrator: Siefert, Dave
Information Filename:	General \team\secur.doc Bitmap>>
Repository:	Continuous Learning System Resource description cannot exceed 255 characters. 82
Resource Description:	This is a test resource entry to check the security validation in the TEAM concept
Remarks	Please enter new data at this time and click on OK.

Ok Cancel New Modify Delete Clear All Help

FIG. 78

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

Resource Administration	
File Help	
Access Level:	<input type="checkbox"/> Public <input type="checkbox"/> IPD only <input checked="" type="checkbox"/> CLS ADMIN USERS
Resource Title:	CONFIDENTIAL REPORT ON CLS SECURITY REQUIREMENTS
Date Added:	<input type="text"/> / <input type="text"/> / <input type="text"/>
Product ID:	<input type="text"/> Media: <input type="text"/> On Line
Cost:	<input type="text"/> Format: <input type="text"/> Microsoft Word
Price:	<input type="text"/> Point of Contact: <input type="text"/> McCollum, Tab
Information Category:	<input type="text"/> Alternate Administrator: <input type="text"/> Siefert, Dave
Information Filename:	<input type="text"/> \team\secur.doc <input type="button" value="Bitmap&gt;&gt;"/>
Repository:	<input type="text"/> Continuous Learning System
Resource Description:	<input type="text"/> This is a test resource entry to check the security validation in the TEAM concept
Remarks	<input type="text"/>
<input type="button" value="Please enter new data at this time and click on OK."/>	
<input type="button" value="Ok"/> <input type="button" value="Cancel"/> <input type="button" value="New"/> <input type="button" value="Modify"/> <input type="button" value="Delete"/> <input type="button" value="Clear All"/> <input type="button" value="Help"/>	

## Catalog Search Results

## File Help

21 entries returned.

## Resource Profile...

	Media	Date/Time	Title
6	On Line	10/28/93 14:29	CLS - Distinct offers 3-in-1 TCP/IP SDK.
7	On Line	11/05/93 13:38	CLS - SQL NET for Windows Procedures
8	On Line	11/11/93 13:22	CLS - CLS Project Plan
9	On Line	11/12/93 14:48	CLS - Roles and Responsibilities as determined on 12 Aug
10	On Line	11/16/93 08:24	CLS - New CLS application for pilot test in France.
11	On Line	12/01/93 20:48	CLS - Sample Log File
12	On Line	12/02/93 13:50	CLS - Pilot Plan
13	On Line	12/13/93 15:03	CLS - Overview Powerpoint Presentation
14	On Line	12/13/93 15:29	CLS - Overview Presentation
15	On Line	12/13/93 15:32	CLS - User Guide
16	On Line	01/05/94 13:38	CLS - Add New User Template
17	On Line	01/07/94 16:10	CLS - Latest version of the CLS application (pkzip)
18	On Line	01/07/94 16:13	CLS - Developer notes and new release 1.01 procedures
19	On Line	01/12/94 14:12	CLS - Parameter file for LINUS interface. (Please read desc
20	On Line	01/21/94 16:55	CLS - Test resource for training
21	On Line	01/24/94 13:39	CONFIDENTIAL REPORT ON CLS SECURITY REQUIREM

## Retrieve

**Close**

## FIG. 80

APPROVED	O.Q. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Next few slides show another user named VCOWAN logged in who is not assigned to the CLS ADMIN USERS team to show that the new resource can only be seen by those persons selected earlier.

**FIG. 81**

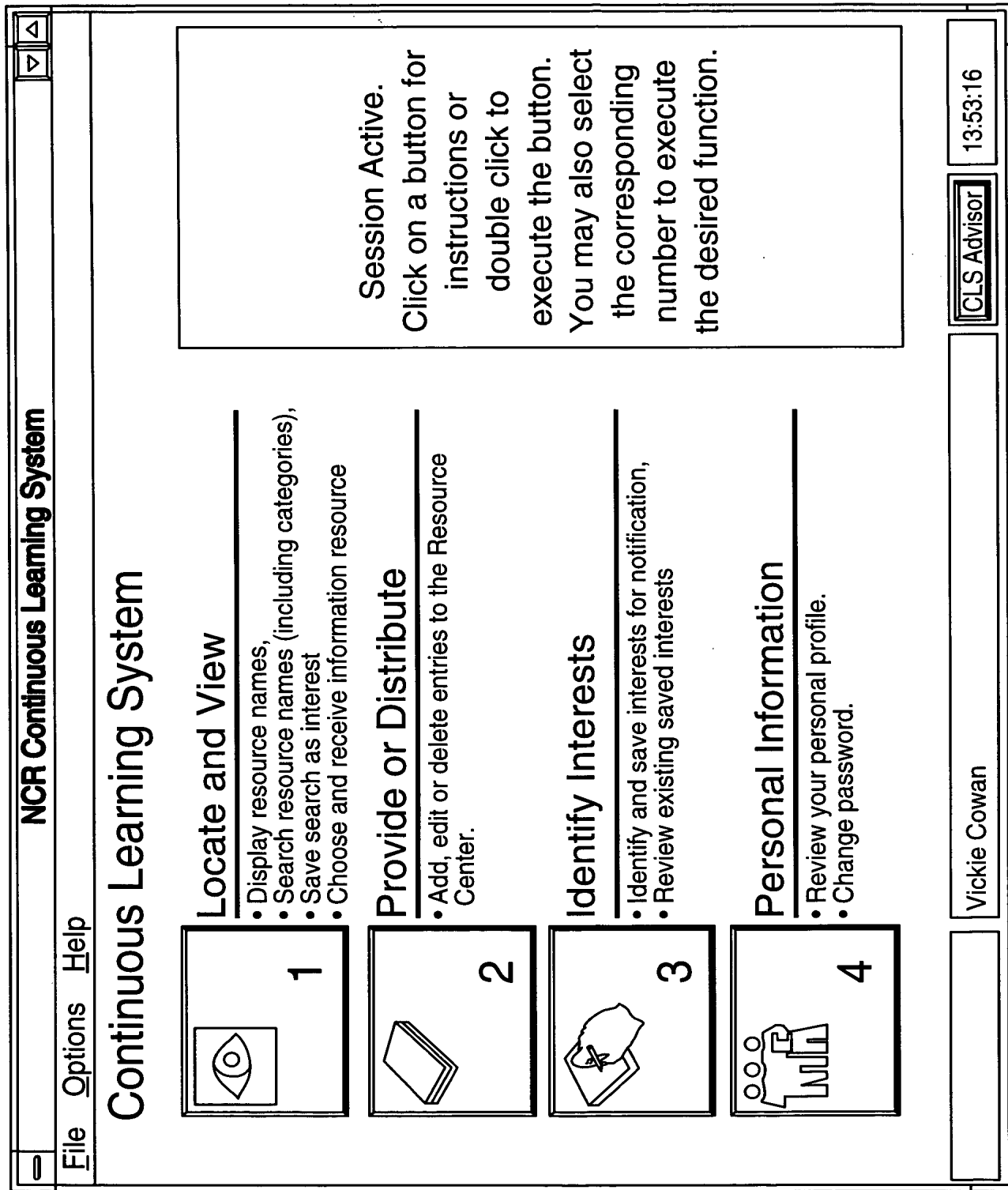


FIG. 82

APPROVED BY DRAFTSMAN

O.G. FIG.

CLASS SUBCLASS

CLS - Locate and View

File Help

Search

AND-@

OR-/

NOT-!

Title:

cls

AND

↕

Cancel

Description:

ON

↕

Clear

Date:

/ /

dd/mm/yy

Help

4

media

• Display all authorized resources by media type.

8

BACK TO PREVIOUS SCREEN

• Close window and return to main

Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.

FIG. 83

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

File

Help

Catalog Search Results

18 entries returned.

Resource Profile...

	Media	Date/Time	Title
1	On Line	10/18/93 07:46	CLS - Status Report dated 5 Aug 93 CLS developers comm
2	On Line	10/18/93 07:46	CLS - Untangling the Windows Sockets API - a standardize
3	On Line	10/18/93 07:46	CLS - Sample windows source code for windows Socket AP
4	Other	10/18/93 09:51	Test of NCR user providing information to the CLS
5	On Line	10/20/93 17:00	CLS - PKUNZIP for CLS application
6	On Line	10/28/93 14:29	CLS - Distinct offers 3-in-1 TCP/IP SDK.
7	On Line	11/05/93 13:38	CLS - SQL NET for Windows Procedures
8	On Line	11/12/93 14:48	CLS - Roles and Responsibilities as determined on 12 Aug
9	On Line	12/01/93 20:48	CLS - Sample Log File
10	On Line	12/02/93 13:50	CLS - Pilot Plan
11	On Line	12/13/93 15:03	CLS - Overview Powerpoint Presentation
12	On Line	12/13/93 15:29	CLS - Overview Presentation
13	On Line	12/13/93 15:32	CLS - User Guide
14	On Line	01/05/94 13:38	CLS - Add New User Template
15	On Line	01/07/94 16:10	CLS - Latest version of the CLS application (pkzip)
16	On Line	01/07/94 16:13	CLS - Developer notes and new release 1.01 procedures
17	On Line	01/12/94 14:12	CLS - Parameter file for LINUX interface. (Please read desc
18	On Line	01/21/94 16:55	CLS - Test resource for training

Retrieve

Close



# FIG. 84

FROM SCREENS  
"LOCATE & VIEW"  
"PROVIDE OR DISTRIBUTE"  
"IDENTIFY  
INTERESTS"  
"PERSONAL  
INFORMATION"

FROM  
SCREEN  
"LOGON"

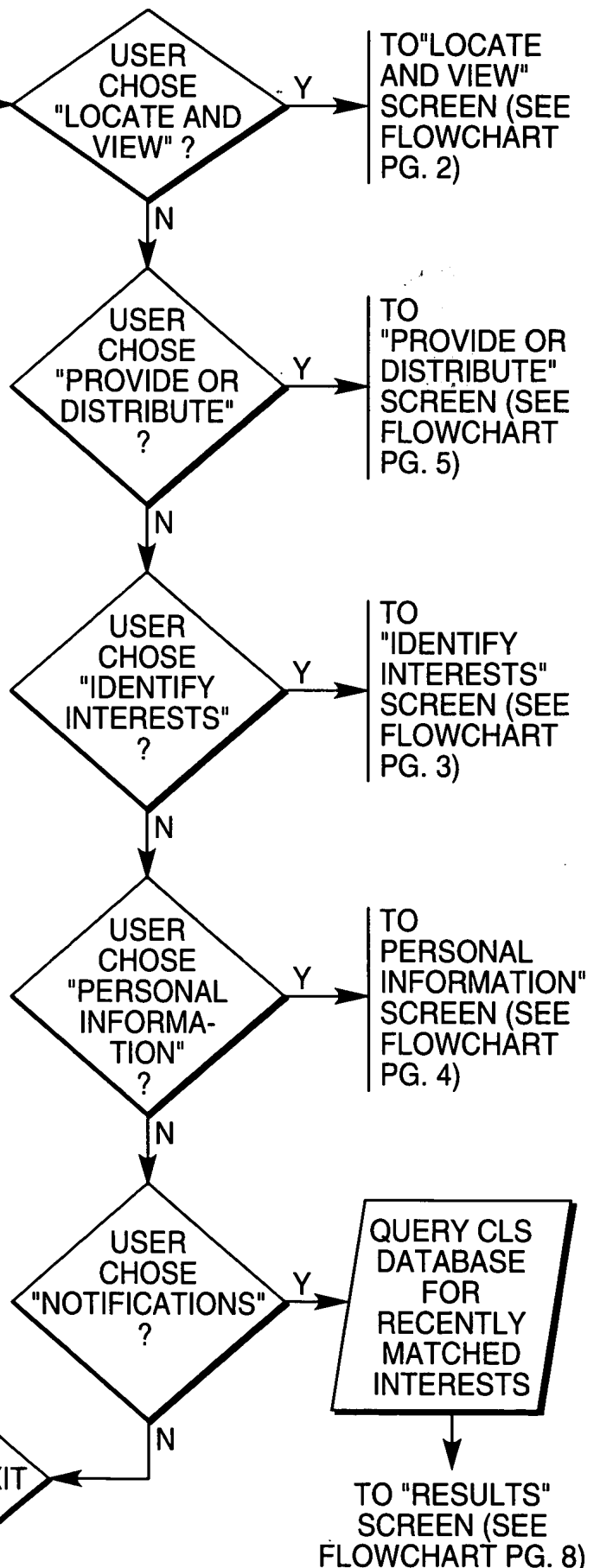
This is the main screen. It comes up after logging on. The user can choose from 4 separate classes of action here: "Locate and View", "Provide or Distribute", "Identify Interests", and "Personal Information". The term "classes of action" is used because they refer to logical groupings of related actions, rather than specific actions.

Also, if there is a notification of new items that match the user's defined interests, then he can choose to go view them directly (in the illustration the notification text and corresponding button can be found at the lower left).

Lastly, the user can choose to exit (quit) the program.

See Illustration 6 and the files MAINCAT1.OBS and MAINCAT1.OBV.

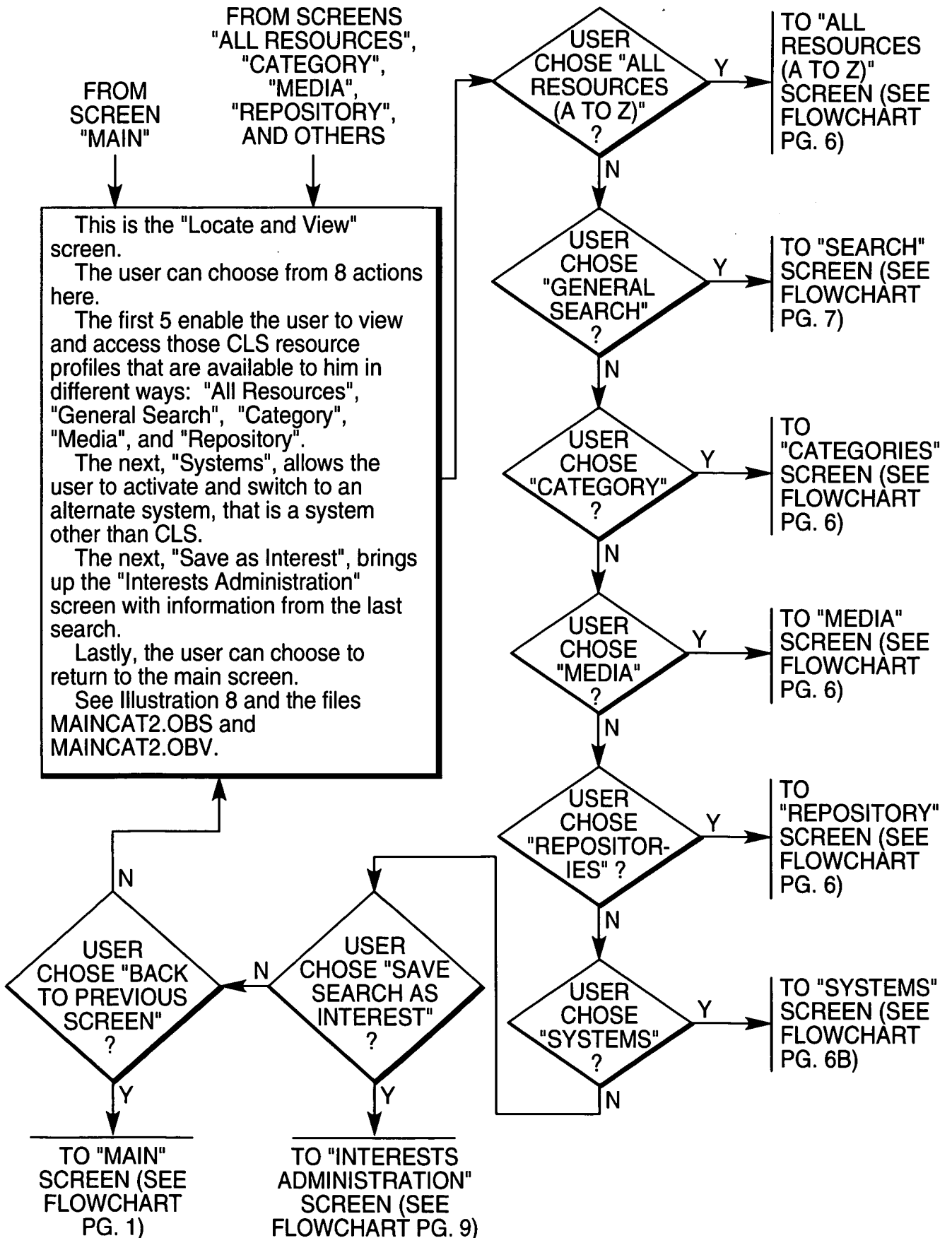
Note that the code in MAINCAT1.OBS provides for a timed event (through Windows™) that triggers an automatic update for subscriptions (ie: checking for new entries in the CLS database that match one or more of the user's defined interests). The user is notified of any subscription updates (as discussed above).



APPROVED	BY	CLASS	SUBCLASS
0.0. FIG.			
	DRAFTSMAN		

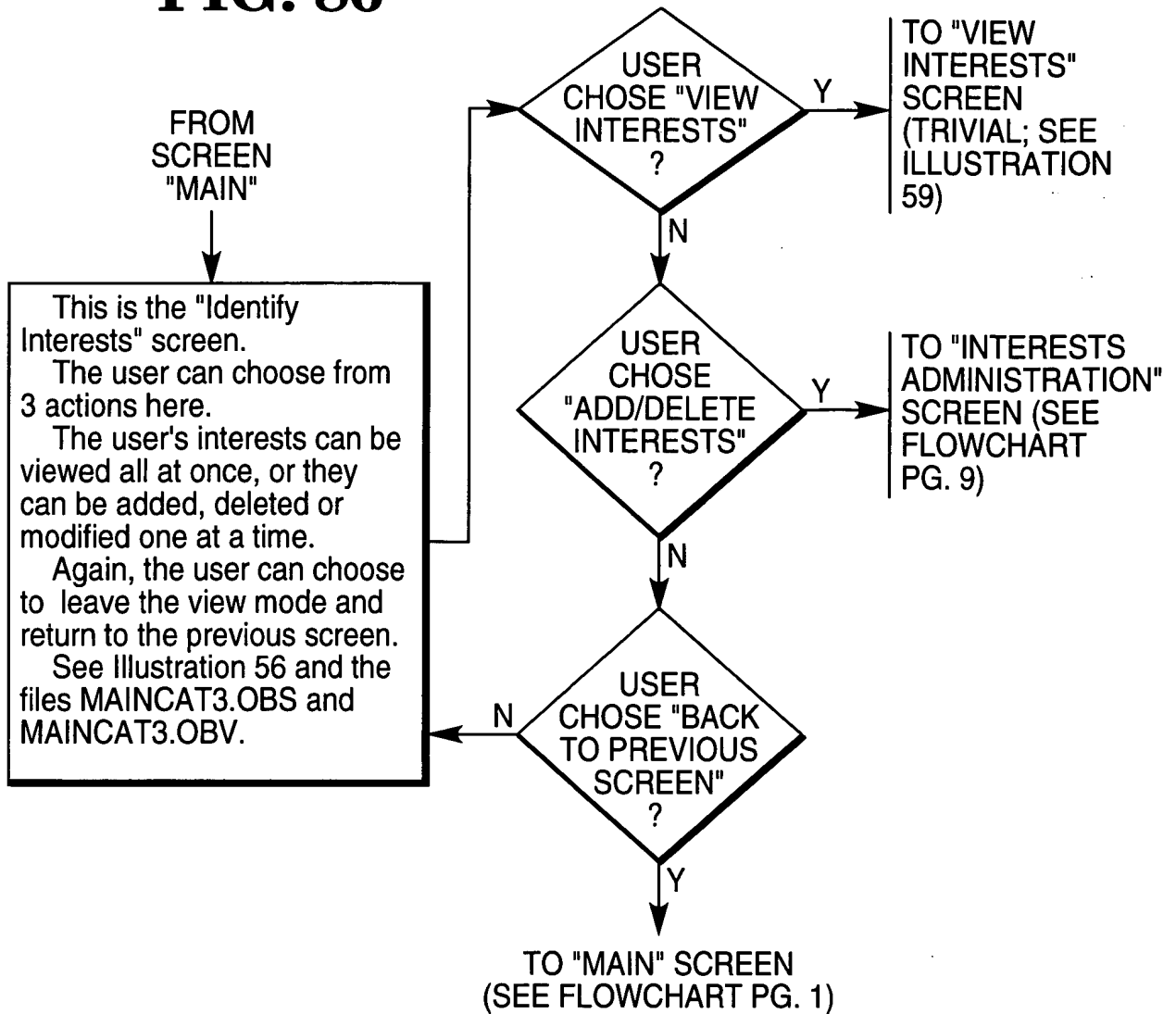
# FIG. 85

APPROVED	0.9.FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			



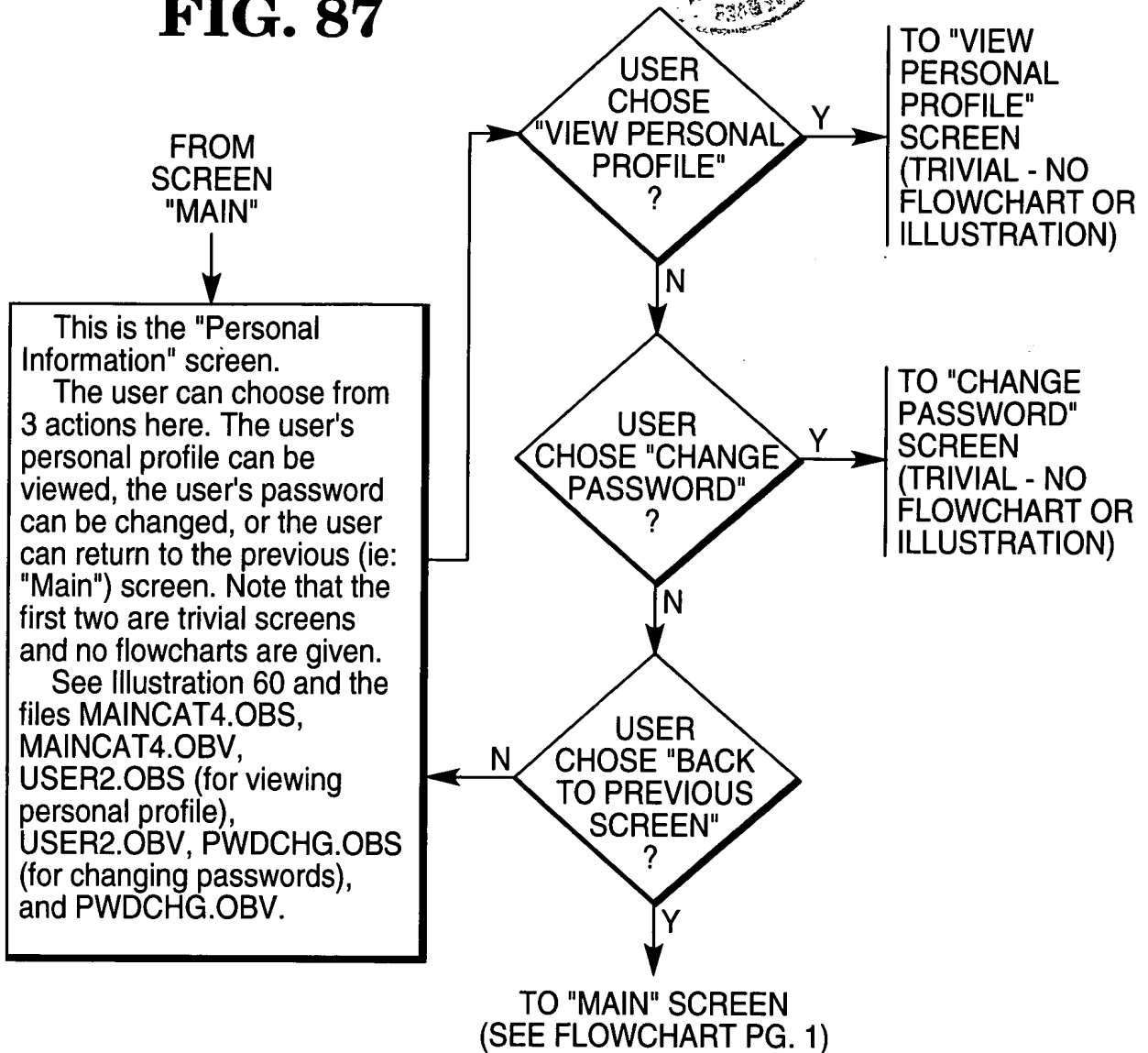
**FIG. 86**

APPROVED	BY	DRAFTSMAN
S.G. FIG.		SUBCLASS
CLASS		



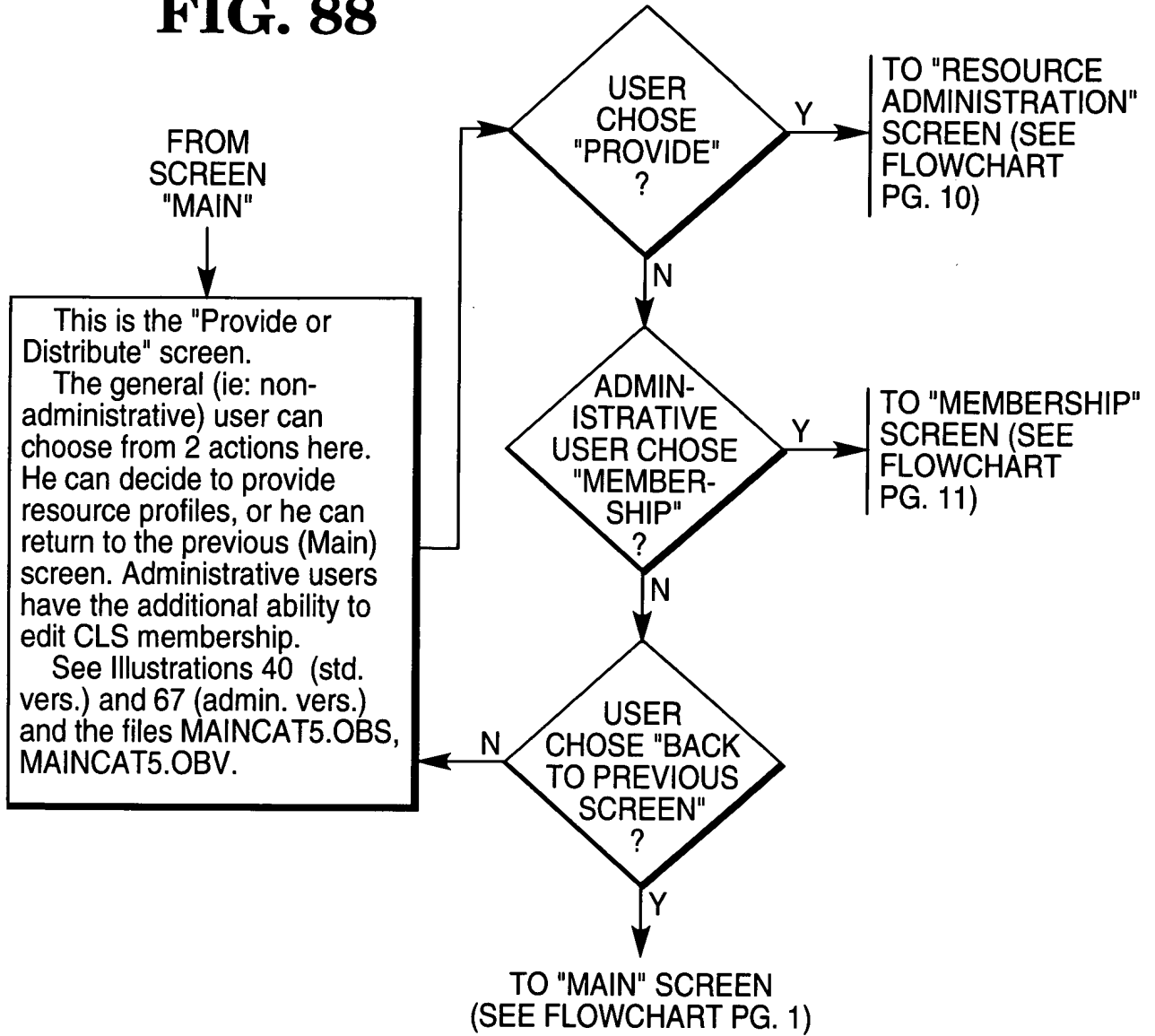
# FIG. 87

APPROVED	BY	DRAFTSMAN
0.G. FIG.	CLASS	SUBCLASS



**FIG. 88**

APPROVED	O.G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			



# FIG. 89

FROM SCREEN  
"LOCATE AND VIEW"  
(SEE FLOWCHART  
PG. 2)

QUERY DATABASE FOR LIST OF ITEMS  
APPROPRIATE TO SCREEN (ALL RESOURCES BY TITLE,  
ALL CATEGORIES, MEDIA TYPES, OR REPOSITORIES)

This screen, with only minor variations, takes care of 4 of the 5 ways to view available CLS profiles. Since the screens share almost identical logic and visuals there is only one flowchart.

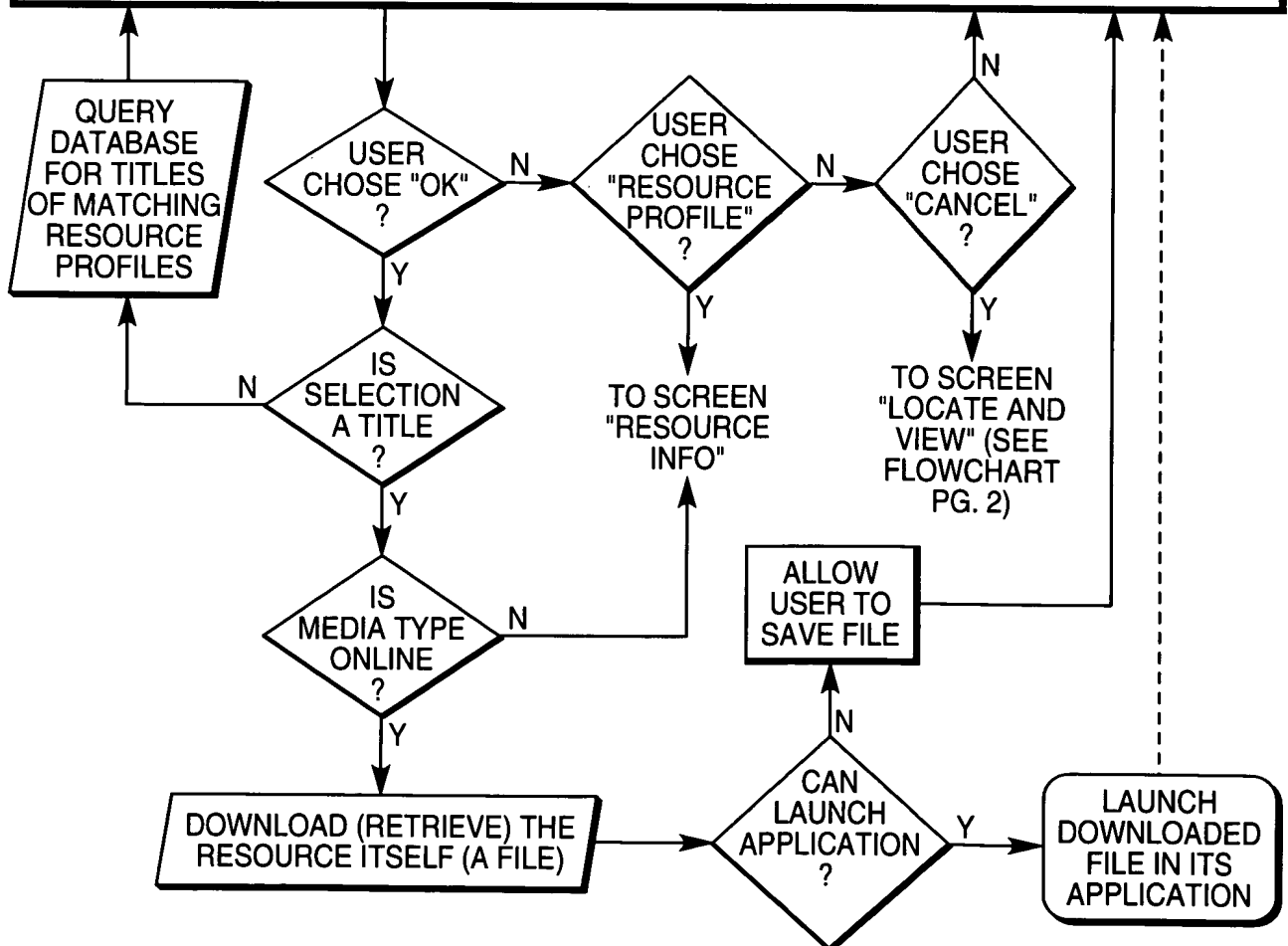
Resource profiles contain many items of information (see illustration 41), some of these are critical and are required (ie: if they are not provided, then the profile will not be accepted).

The resource title, information category, media type, and repository (an extra label) are required and form the basis for the variations in this screen. The basic idea is to display a list of all the possible values for one of these key fields, from which the user selects one, then all available profiles with matching values in that field can be made accessible using this same screen and displaying their titles.

Specifically, the "Media" screen displays a list of all available media types, the "Category" screen a list of all available categories, "Repositories" a list of all available repositories, and "All Resources (A to Z)" a list of all available titles. The user is free to select one of the listed entries. Then a list of all titles which have a matching entry in that key field are displayed. Thereafter, selecting a title initiates a download (retrieval) of the file or its profile.

"All Resources (A to Z)" is a special case. A selection is a resource title - which fully specifies a unique resource - so choosing "OK" will directly attempt to retrieve the resource itself, as opposed to listing all resource profiles with matching titles, since there would only be one.

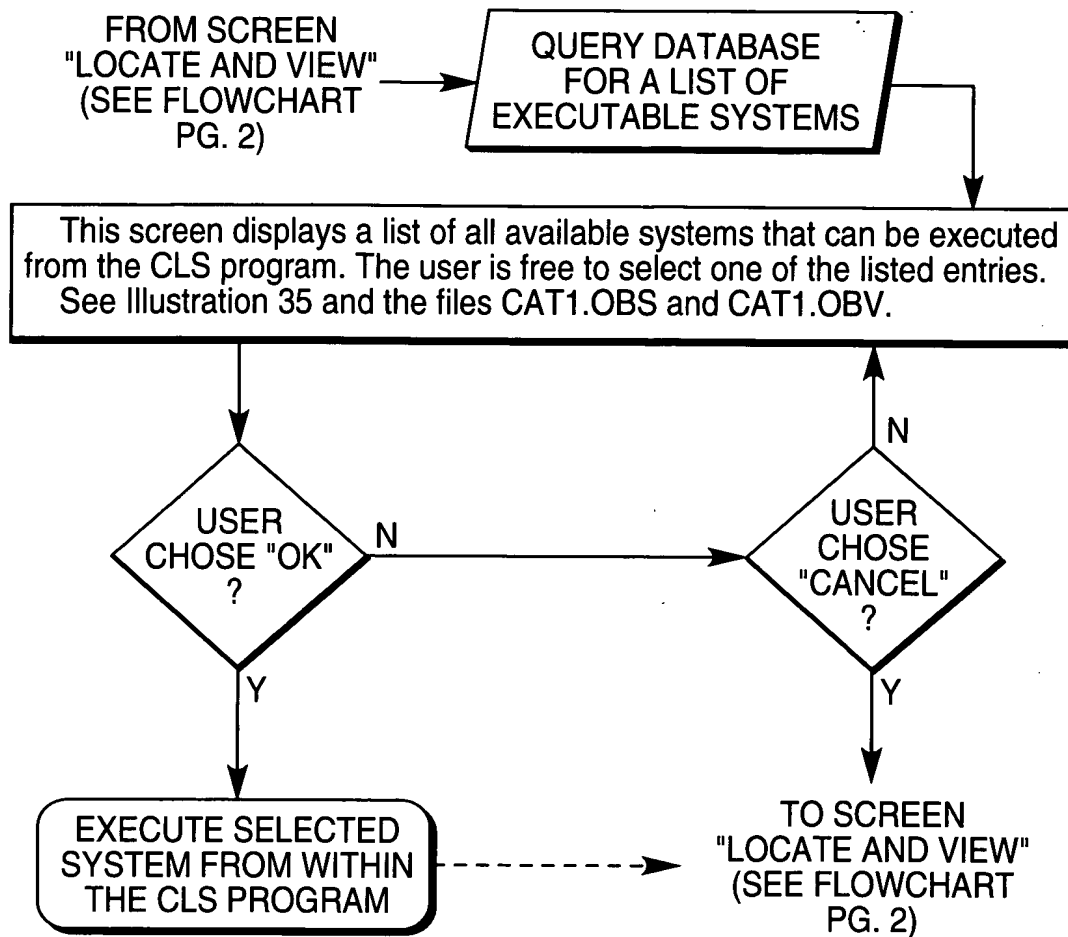
See Illustrations 19, 20, 27, 28, 30 & 31 and the files CAT1.OBS, CAT1.OBV, and RESULTS.OBS (esp. the subroutine "cataloginfo()").



APPROVED BY DRAFTSMAN  
O.G. FIG.  
CLASS SUBCLASS

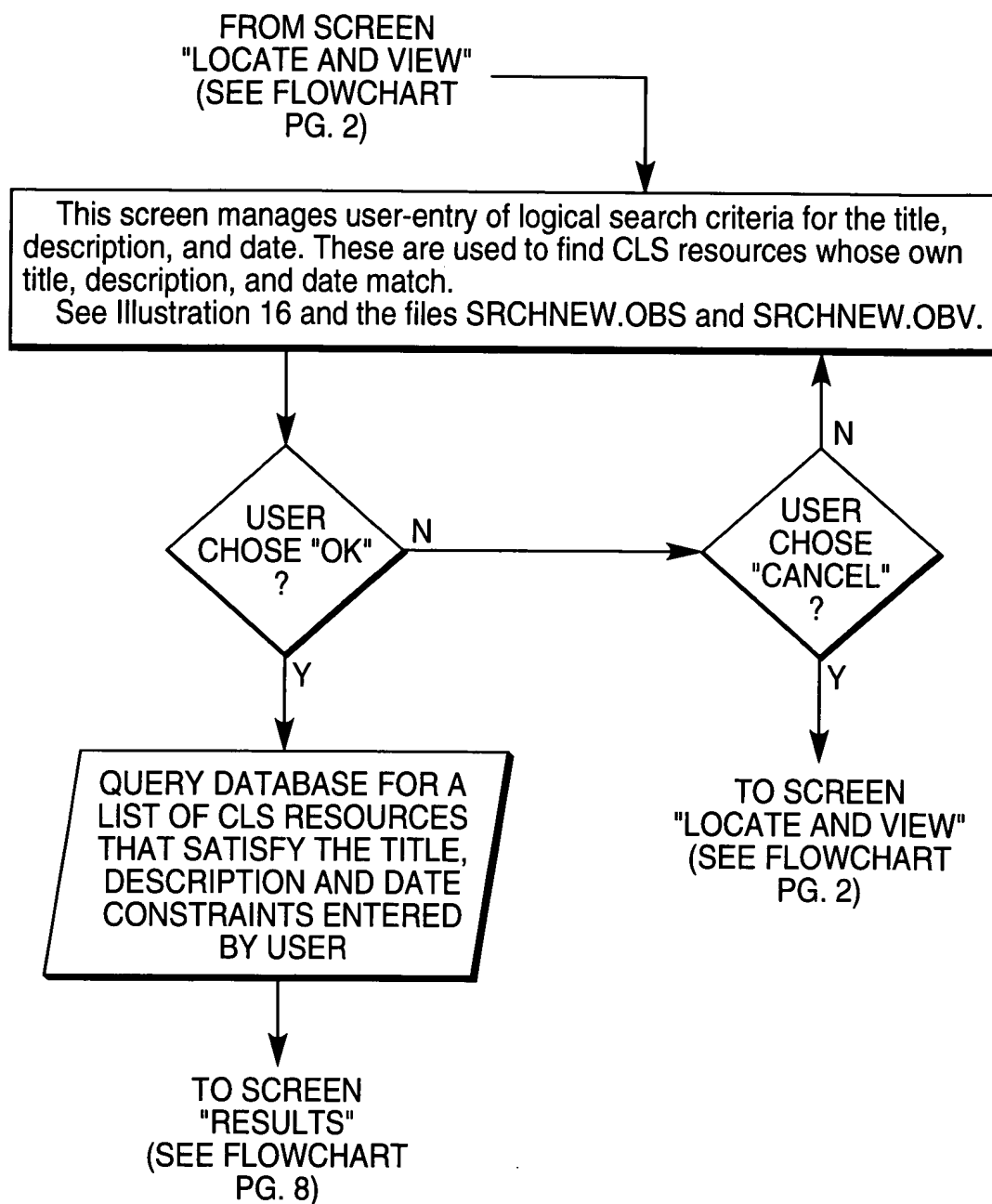
**FIG. 90**

APPROVED	O.G. FIG.	CLASS	SUBCLASS
BY			
CRAFTSMAN			



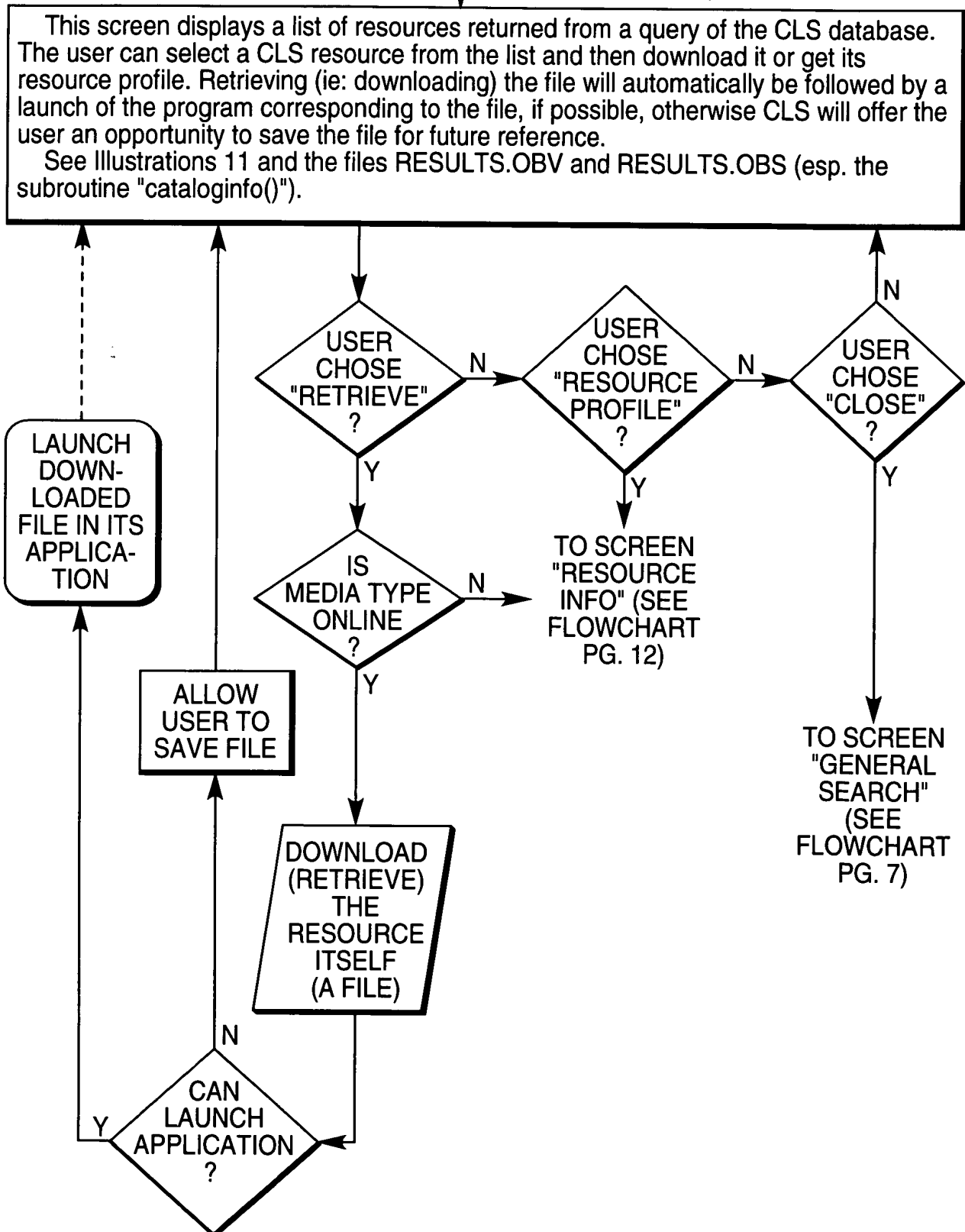
# FIG. 91

APPROVED	U.G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			





FROM SCREEN  
"GENERAL SEARCH"  
(SEE FLOWCHART  
PG. 7)

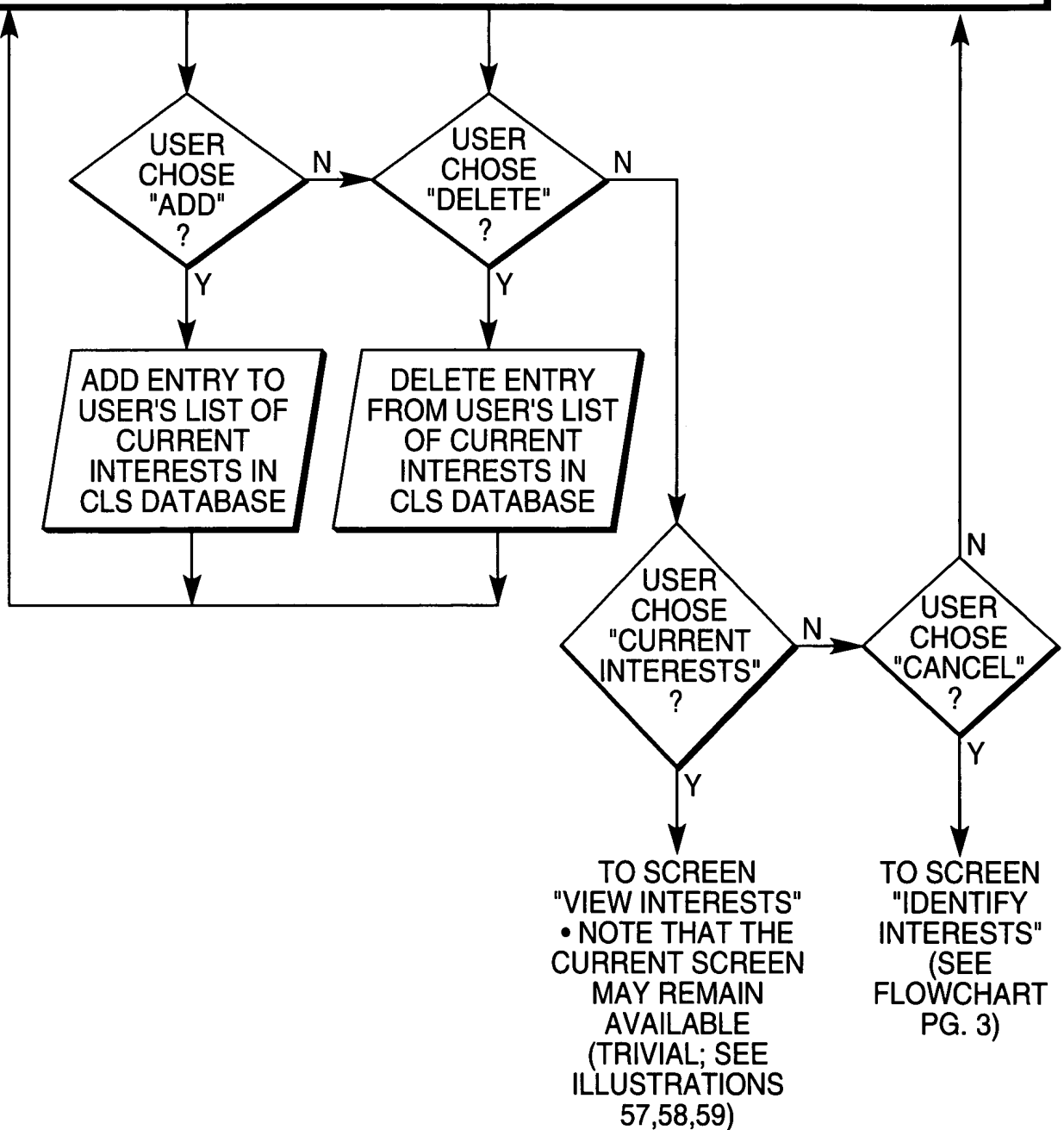


# FIG. 93

FROM SCREEN  
"IDENTIFY INTERESTS"  
(SEE FLOWCHART  
PG. 3)

This screen allows the user to add and delete interests from the list of current interests (see illustration 59). An interest is a single line of logical search criteria for resource titles. When used for a query it will return exactly those CLS resources whose title matches the criteria. (Compare with the "General Search" screen on Pg. 7)  
The list of current interests is maintained in the CLS database.  
See Illustration 59 and the files PROFILE1.OBV and PROFILE.OBS.

APPROVED	D.G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			



# FIG. 94

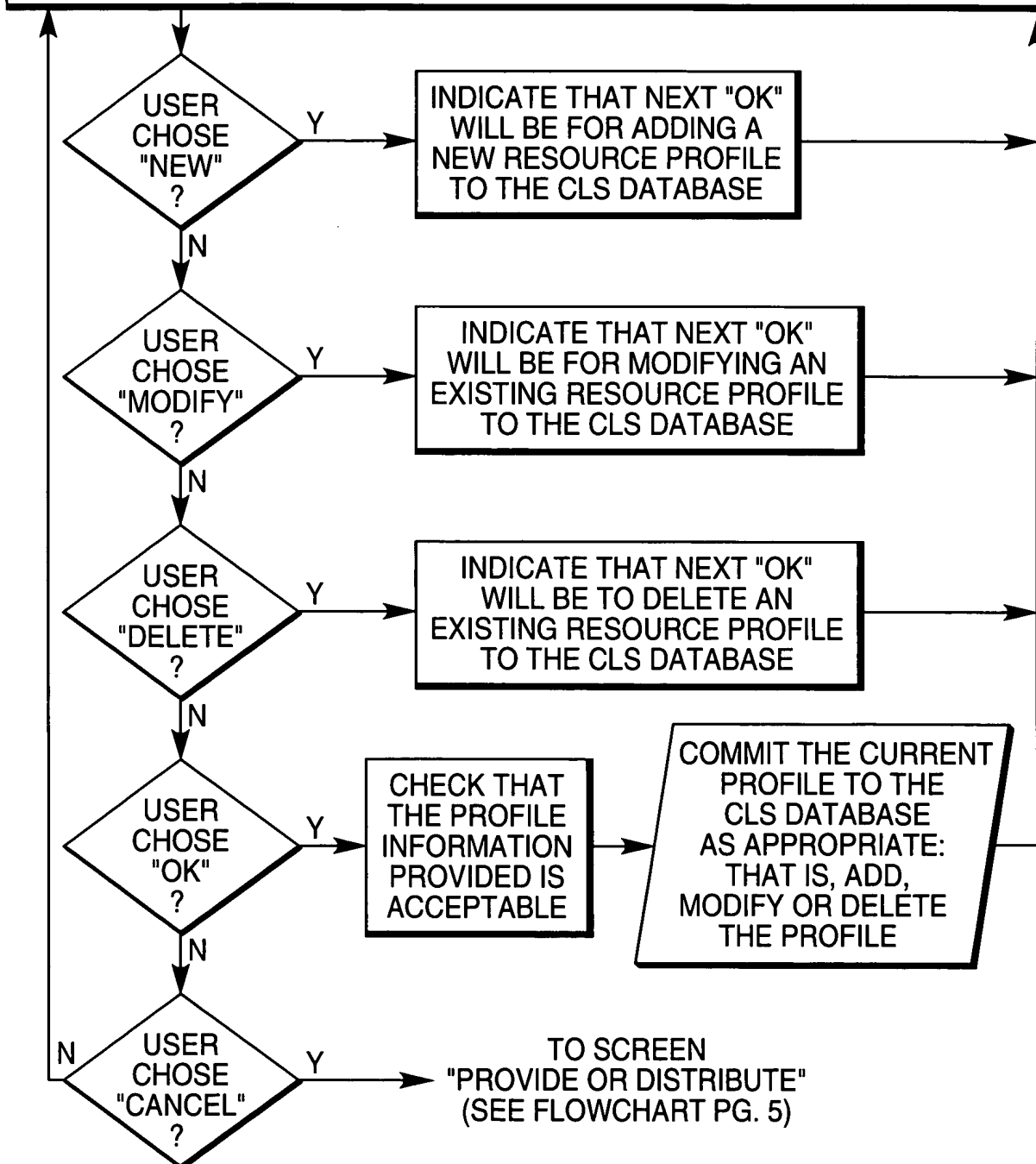
FROM SCREEN  
"PROVIDE OR DISTRIBUTE"  
(SEE FLOWCHART PG. 5)

This screen allows the user to add, delete and modify resource profiles from the CLS database.

Note that the actual resources themselves are the responsibility of the person providing the resource. In particular, if a resource is "online", then it is his responsibility to maintain a copy of the resource at the location indicated in the profile (ie: the "information filename" includes the directory path locating the file on the network).

See Illustration 41 and the files CATADMIN.OBV and CATADMIN.OBS.

O.G. FIG.	
APPROVED	BY CLASS SUBCLASS
DRAFTSMAN	



## FIG. 95

FROM SCREEN  
"PROVIDE OR DISTRIBUTE"  
(SEE FLOWCHART PG. 5)

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

This screen allows the administrative users to add, delete and modify members (ie: personal profiles) from the CLS network. This controls who can log on to the CLS network. Note that this screen is only available to qualified users (eg: the CLS Administrator).

This screen also provides access to the "User Administrator" and "Teams" screens.

... Flowchart details are not provided. ...

See Illustrations 68 through 75. The files MEMBERSHIP.OBV and MEMBERSHIP.OBS are not included. However, see USERADM.OBS and USERADM.OBV for the "User Administration" screen.

**FIG. 96**

FROM SCREEN "RESULTS" (SEE  
FLOWCHART PG. 5) ALSO  
"ALL RESOURCES", "CATEGORY",  
"MEDIA", AND "REPOSITORY"

U.C. FIG.	CLASS	SUBCLASS
APPROVED	BY	DRAFTSMAN

This screen displays the key information about a CLS resource profile, and supplemental information about the contact (eg: E-Mail address and FAX number). It also allows the user to automatically forward an E-Mail or FAX request for more information about a resource, which is especially useful when the resource has a media type other than "online". Finally, if the media type of the resource is "online", then the resource can be retrieved directly (ie: downloaded) and launched in its native application (as can also be done from the "Results" screen).

See Illustration 52 and the files CATDBF.OBV and CATDBF.OBS.

